



FIG. 1

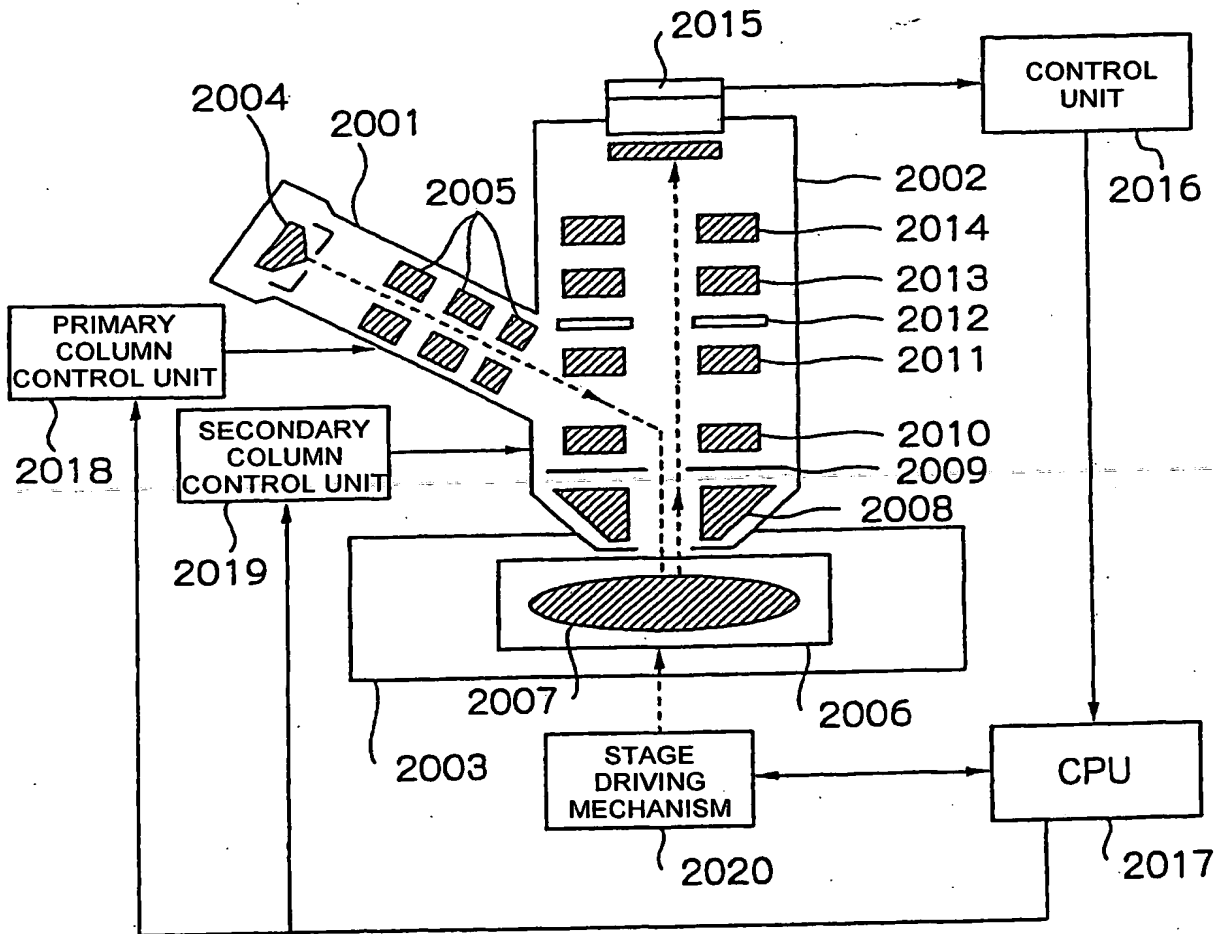


FIG. 1

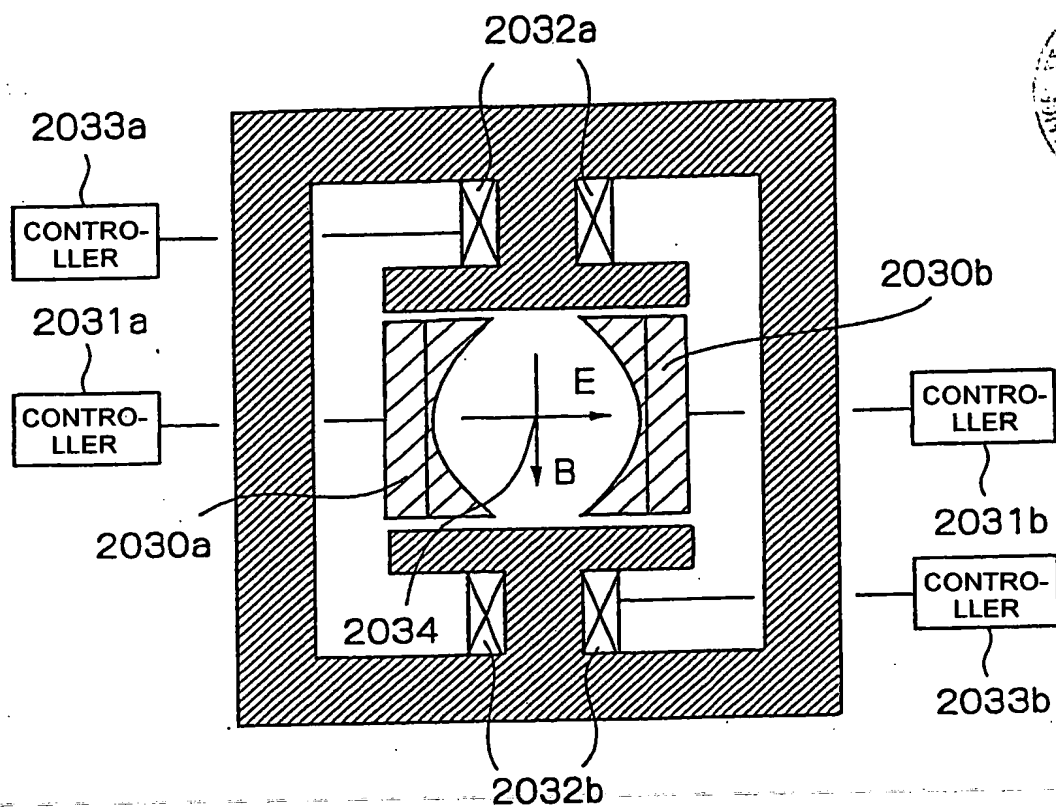


FIG. 2 (a)

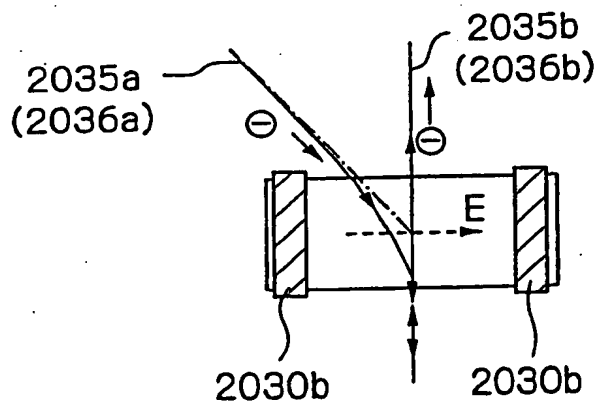


FIG. 2 (b)

TOP SECRET

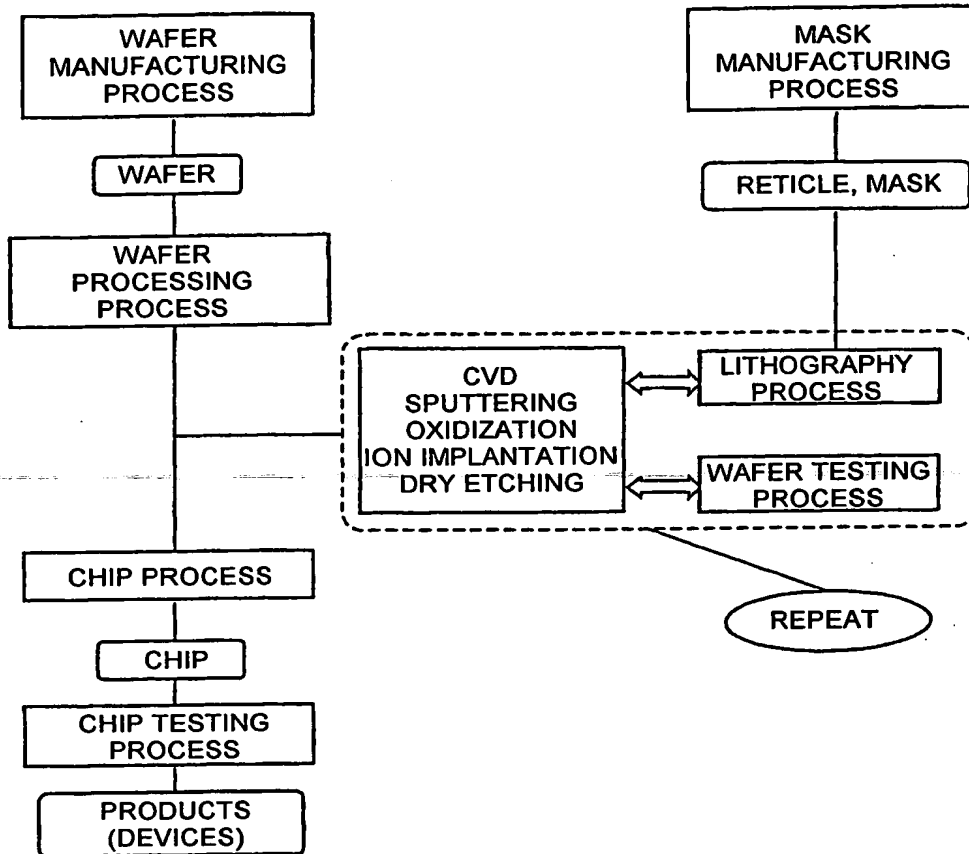


FIG. 3

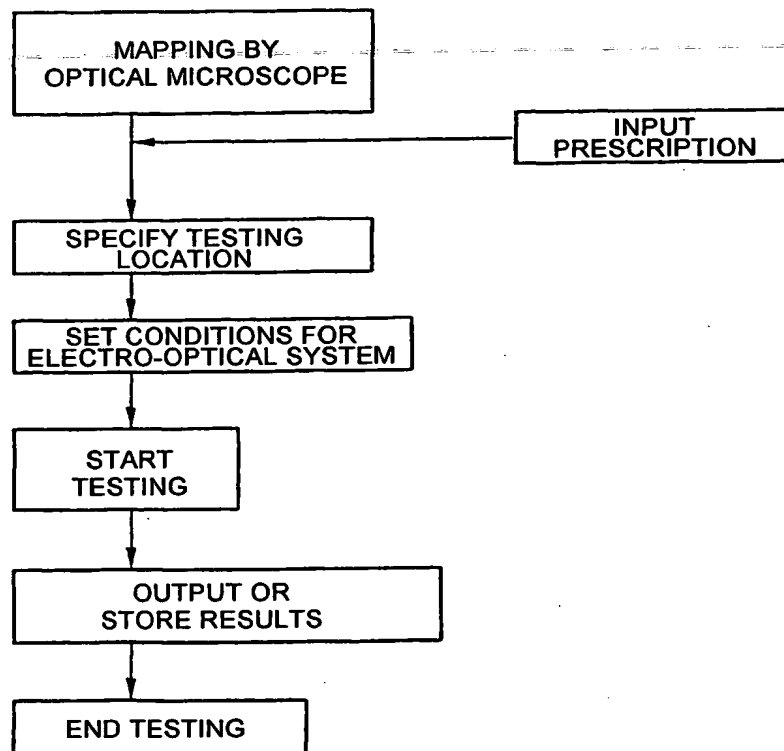
[illegible]

FIG. 4(b)

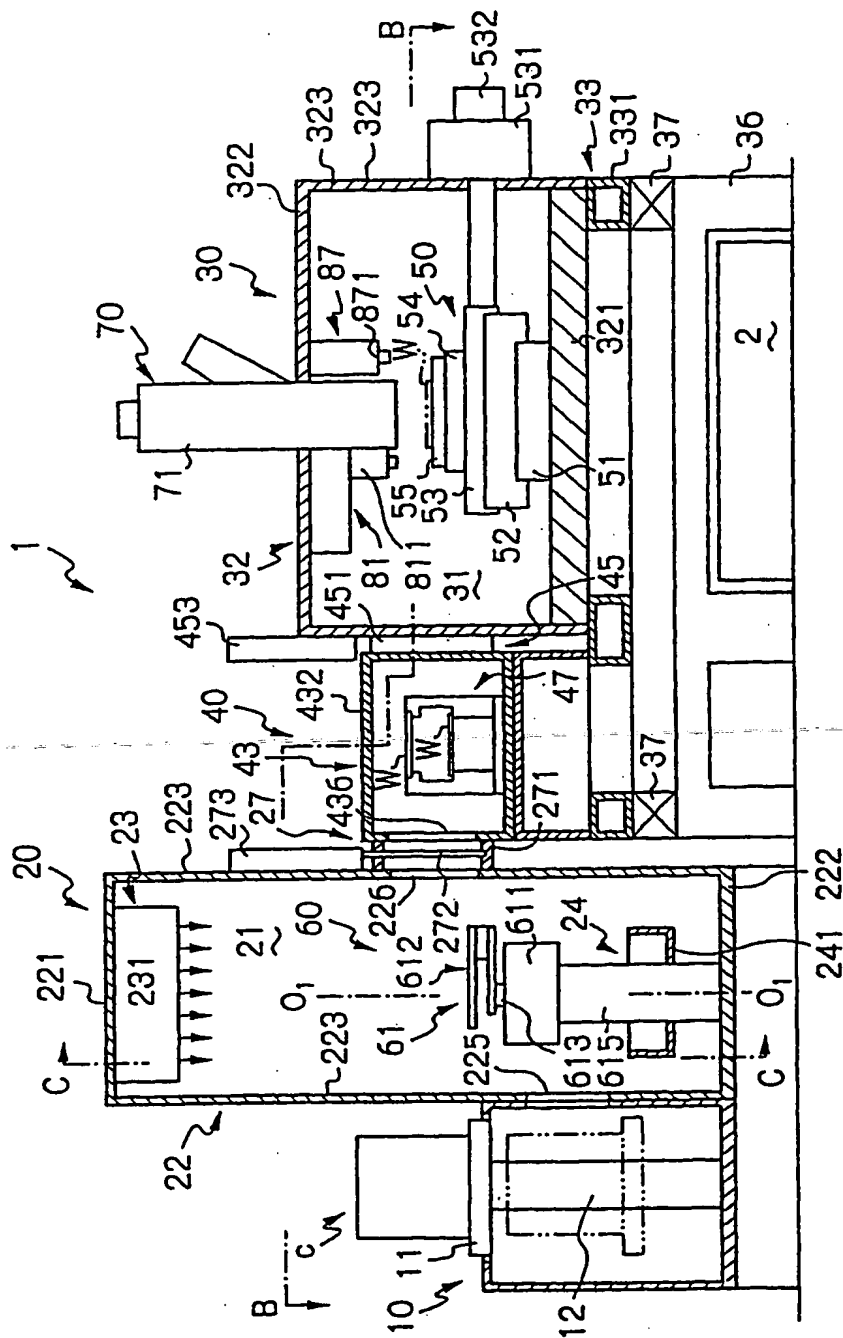


FIG. 5



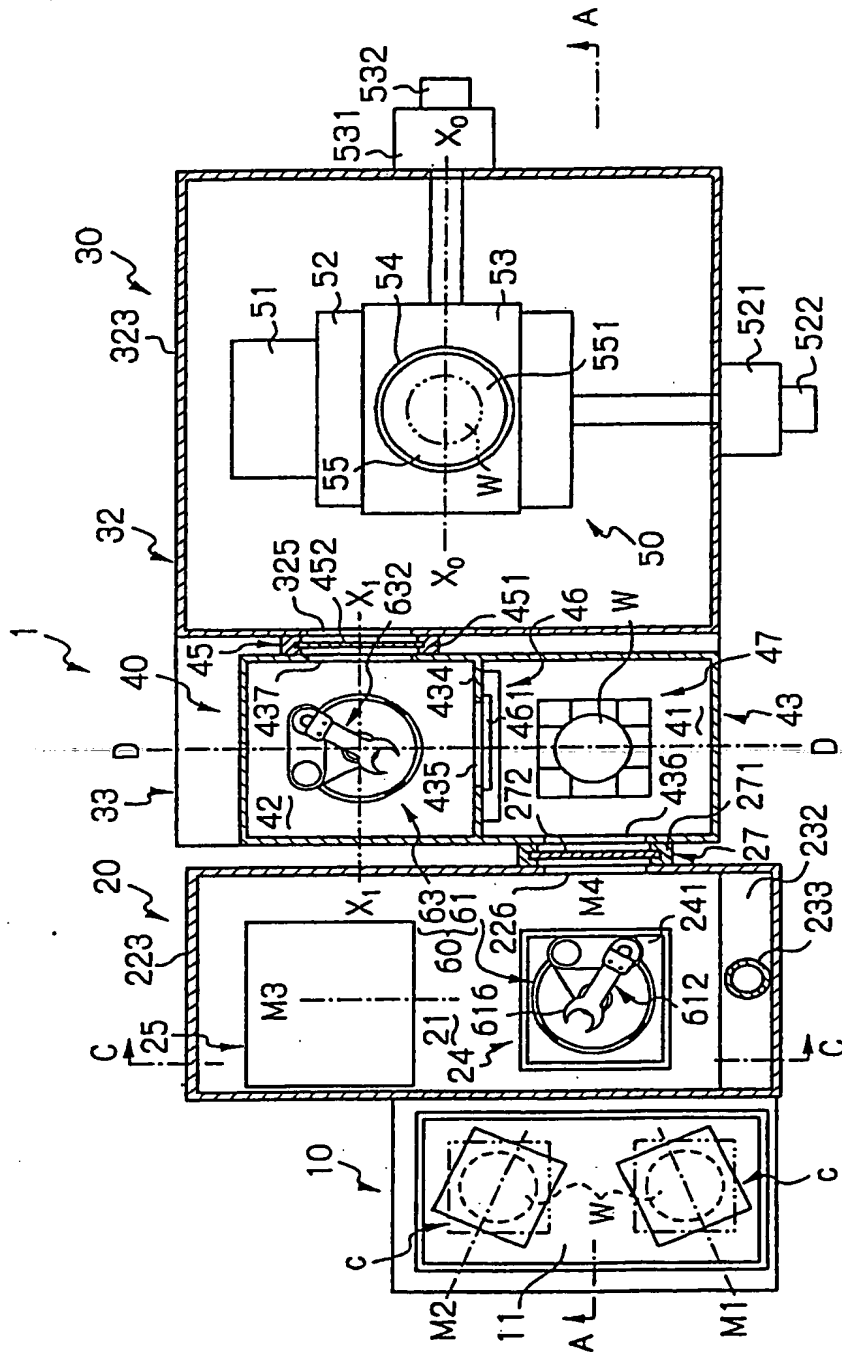


FIG. 6(a)



FIG. 6(b)

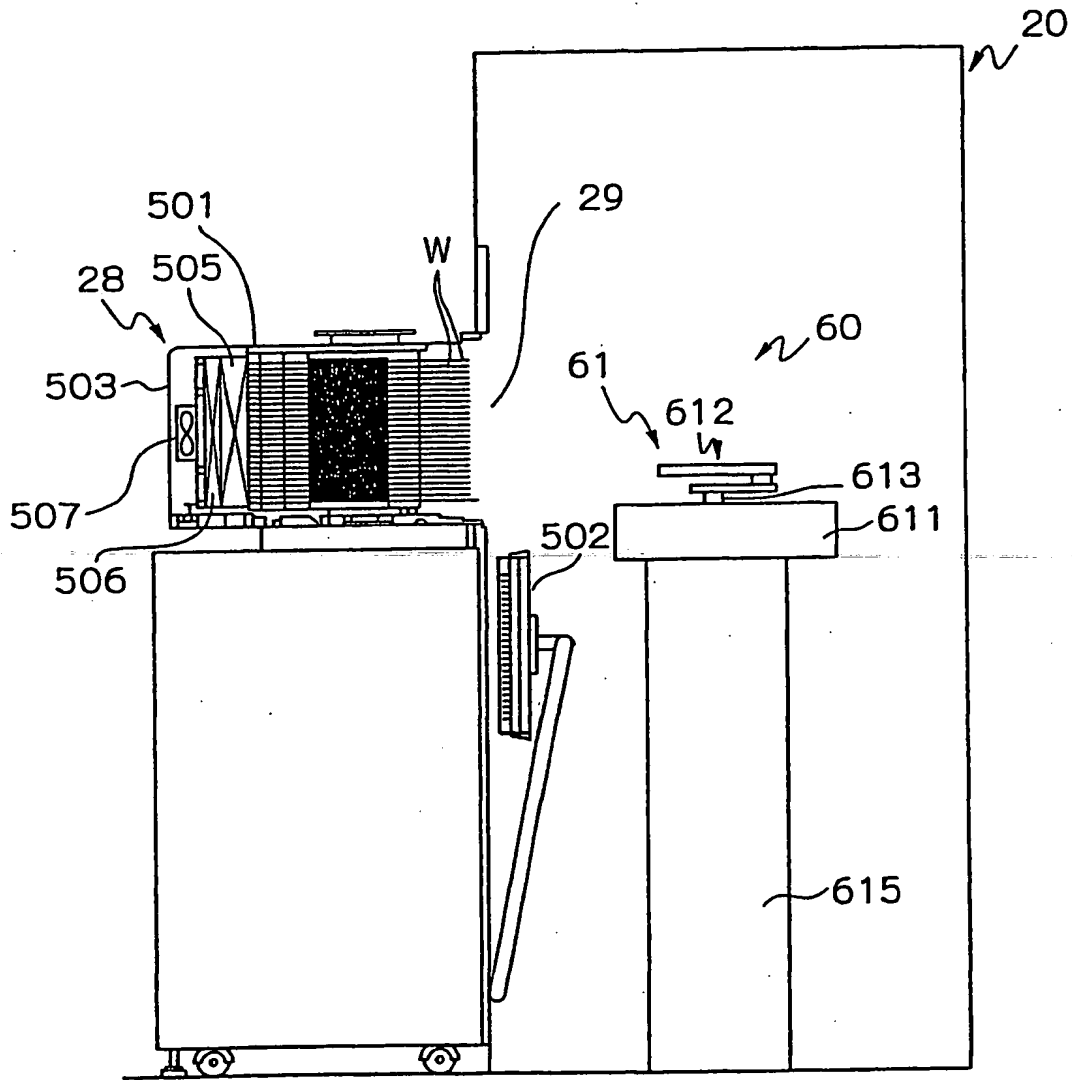


FIG. 6(b)

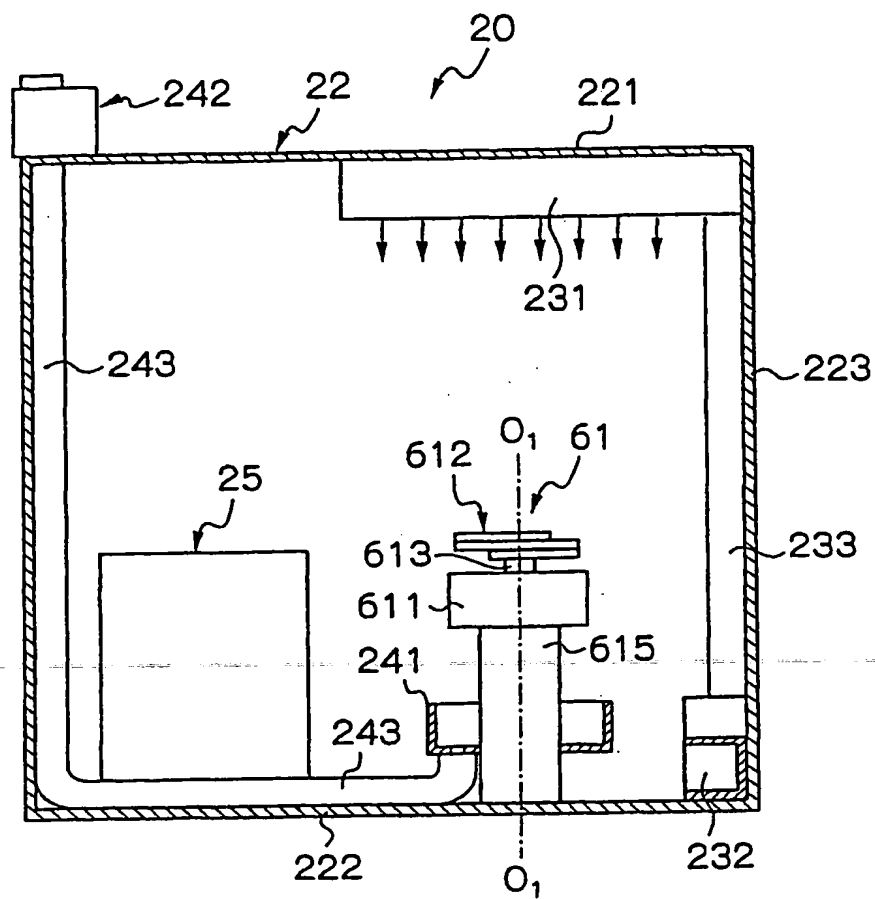


FIG. 7

FIG. 7

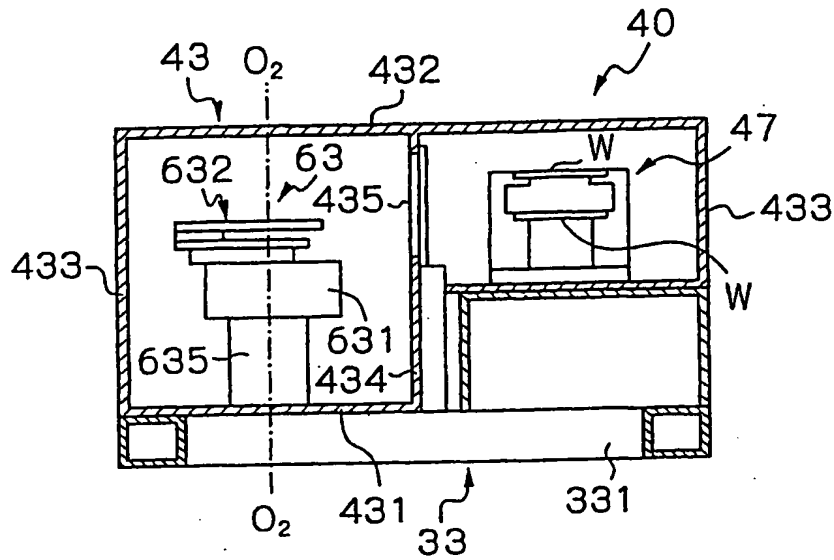


FIG. 8

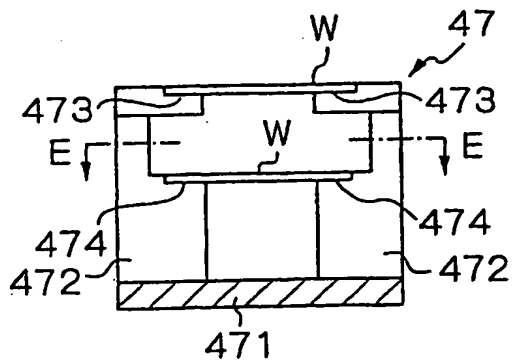


FIG. 9 [A]

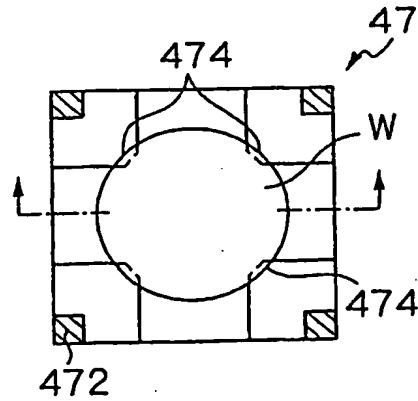


FIG. 9 [B]

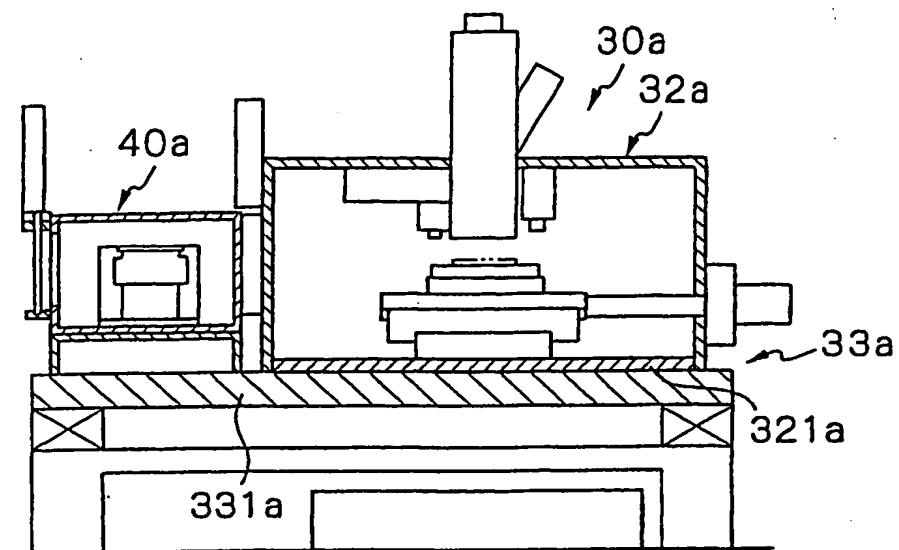


FIG. 10 [A]

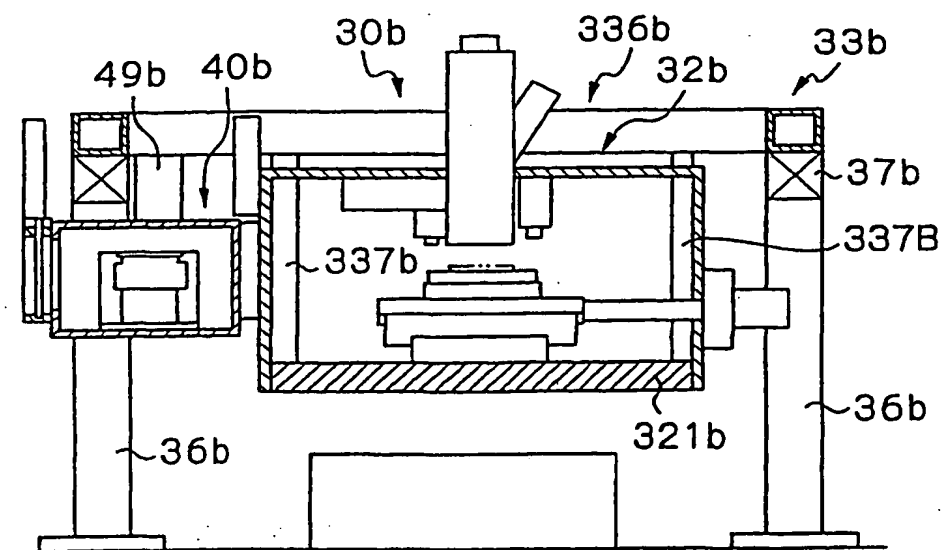


FIG. 10 [B]

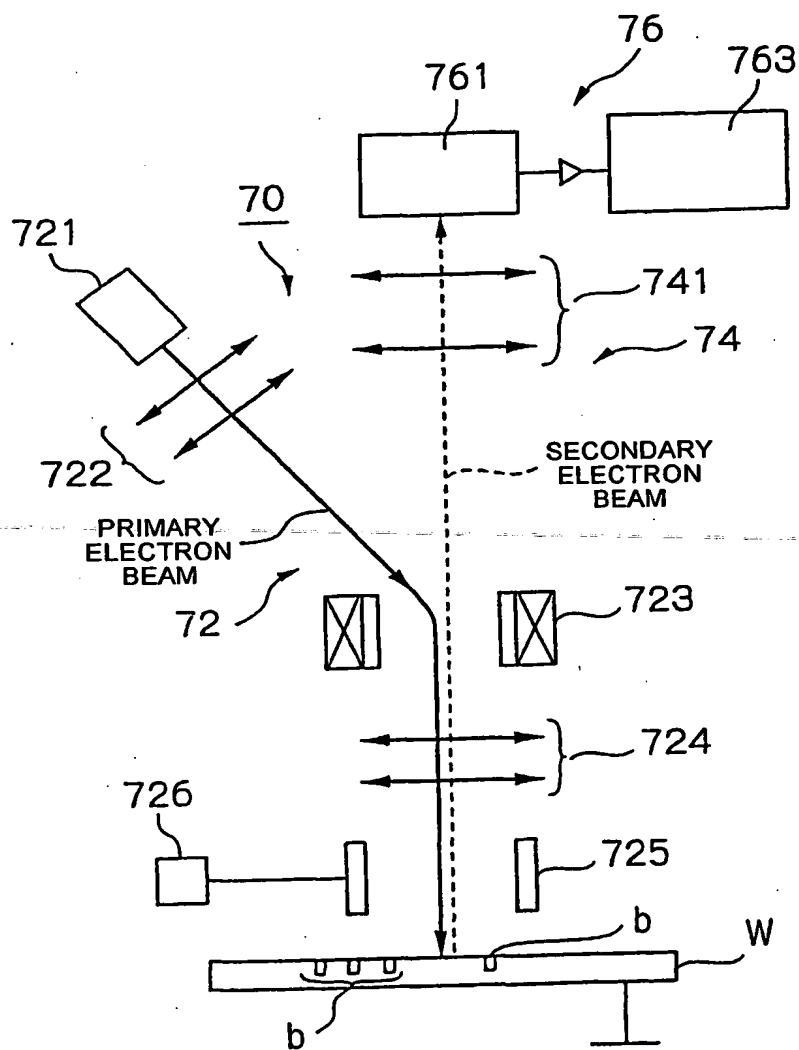


FIG. 11

Patent of the United States

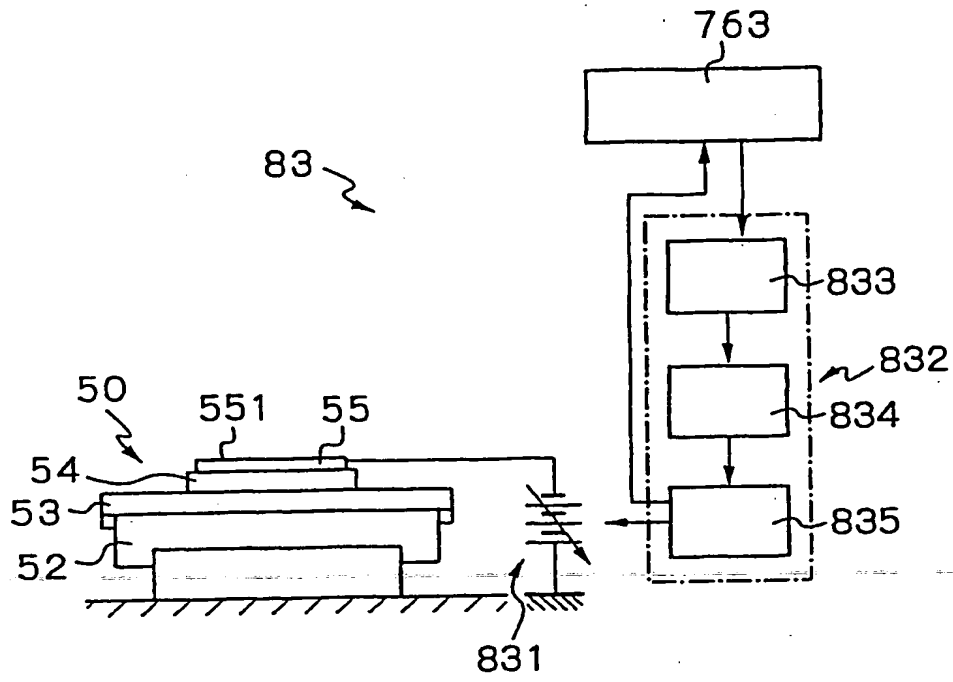


FIG. 12

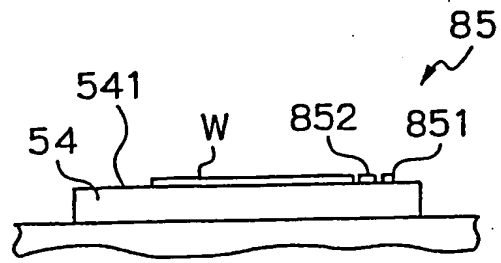


FIG. 13 [A]

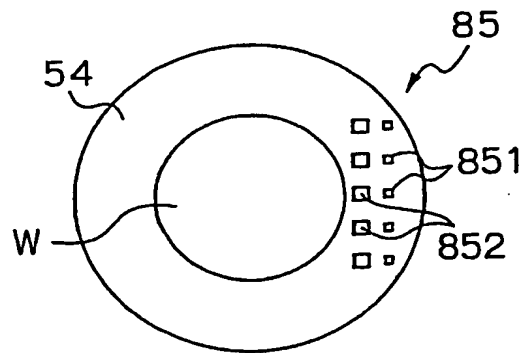


FIG. 13 [B]

0000454000

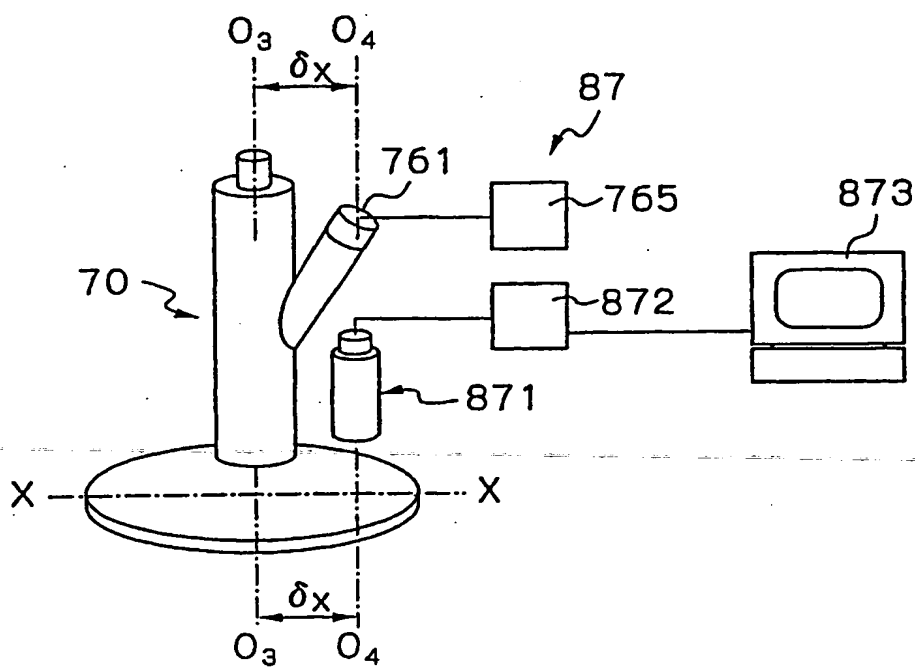
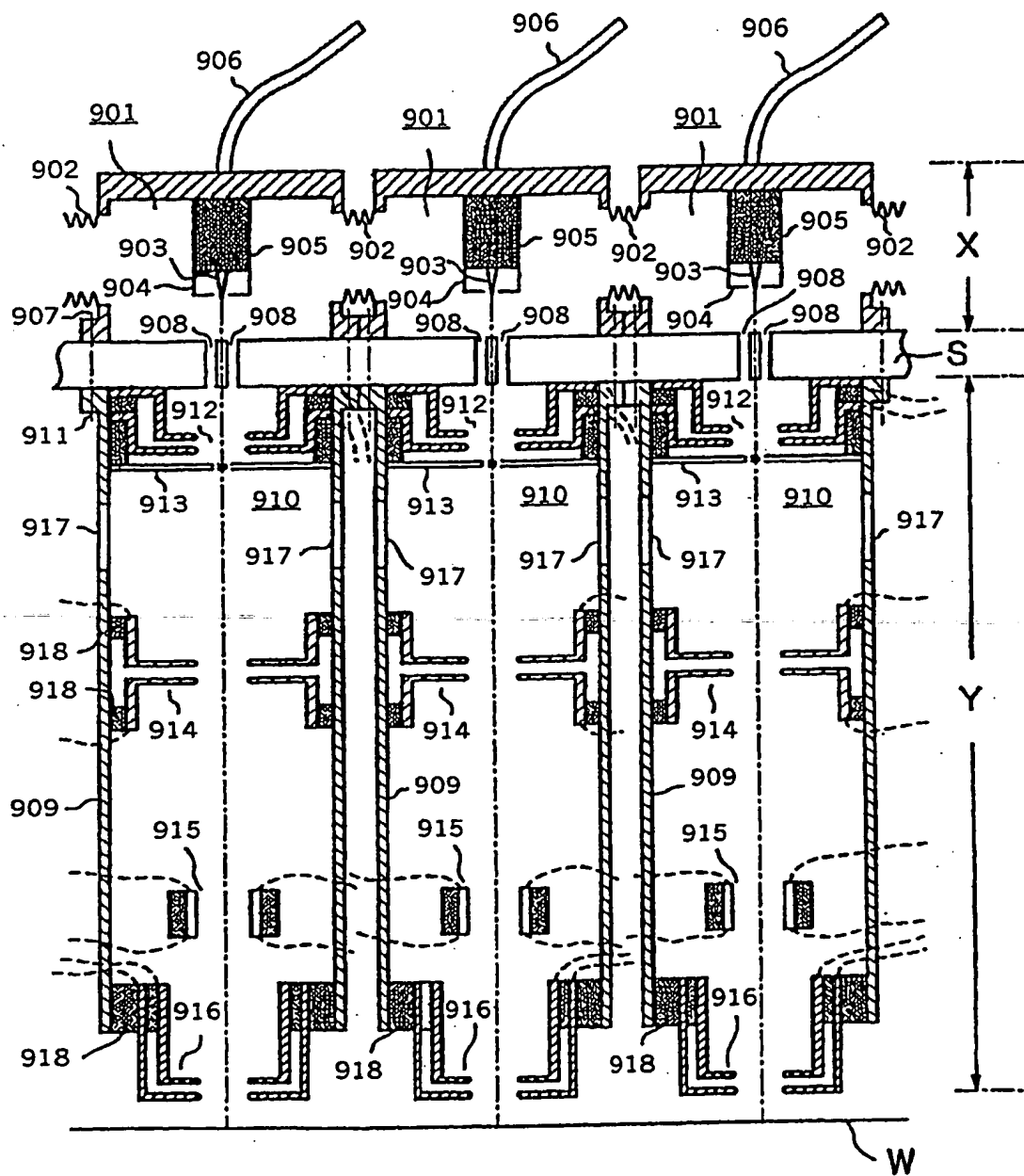


FIG. 14



THE **NEW** **YORK** **PUBLIC** **LIBRARY**

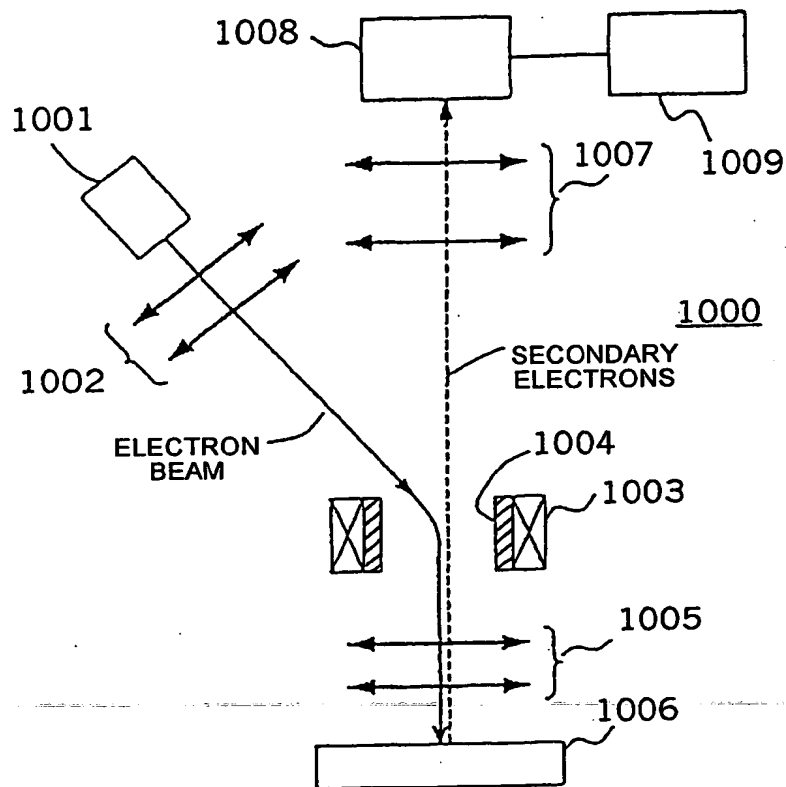


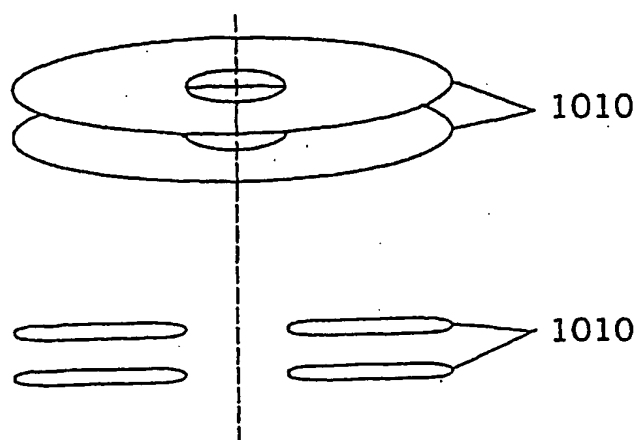
FIG. 16

BREAKDOWN OCCURRENCE
PROBABILITY FOR EACH METAL

| METAL | WORK FUNCTION [eV] | BREAKDOWN OCCU- RRENCE PROBABILITY |
|----------|-----------------------|---------------------------------------|
| ALUMINUM | 4. 2 | HIGH |
| GOLD | 4. 9 | MIDDLE |
| PLATINUM | 5. 3 | LOW |

FIG. 17

00001612 102304



A cross-sectional view of a layered structure 1010. The structure consists of three distinct layers, each with a different hatching pattern. The top layer is labeled 1010c, the middle layer is labeled 1010b, and the bottom layer is labeled 1010a. A bracket on the left side groups these three layers under the label 1010.

FIG. 20

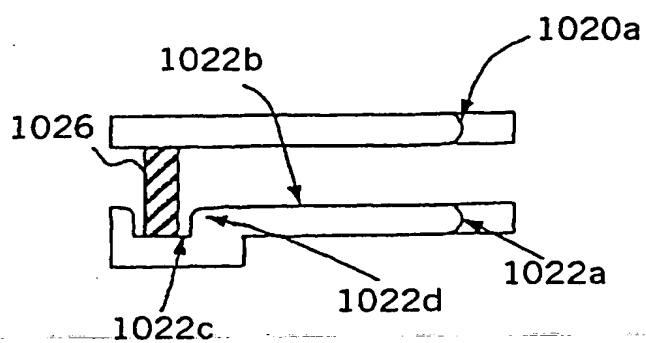


FIG. 21

TOP SECRET

000454-10004
SECRET

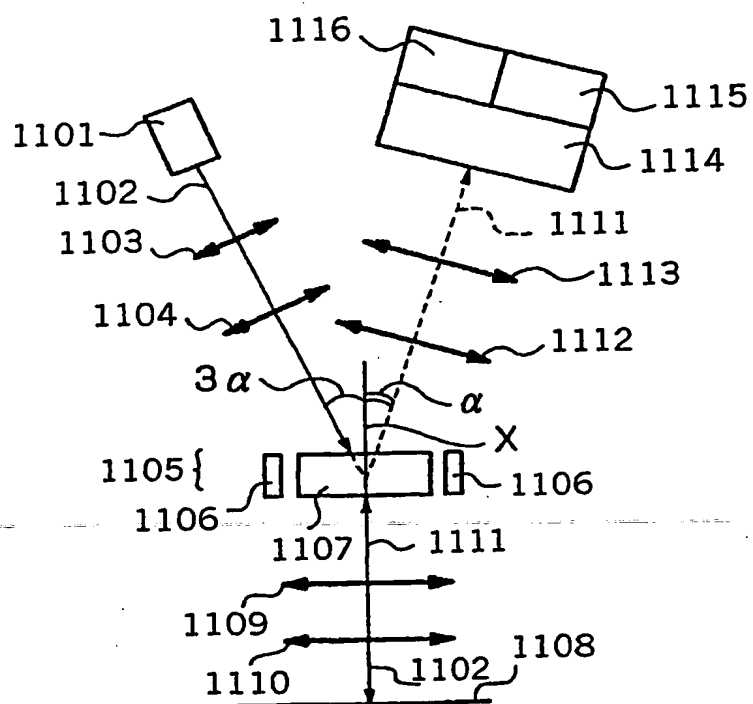


FIG. 22

A circular ink stamp from the Patent & Trademark Office. The text "PATENT & TRADEMARK OFFICE" is curved along the bottom inner edge. The year "1910" is at the top. In the center, the date "JUN 1 1910" is stamped.

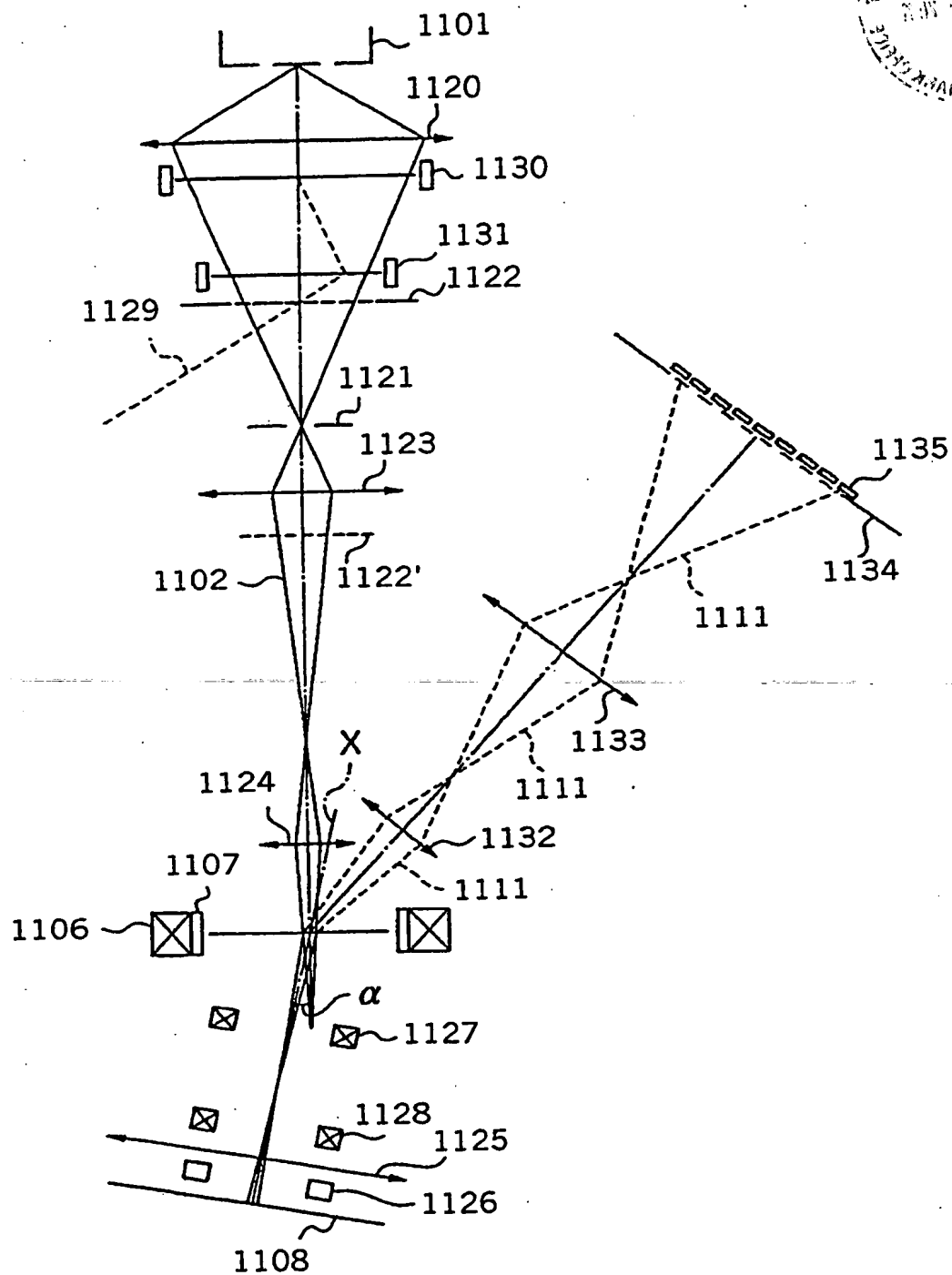


FIG. 23

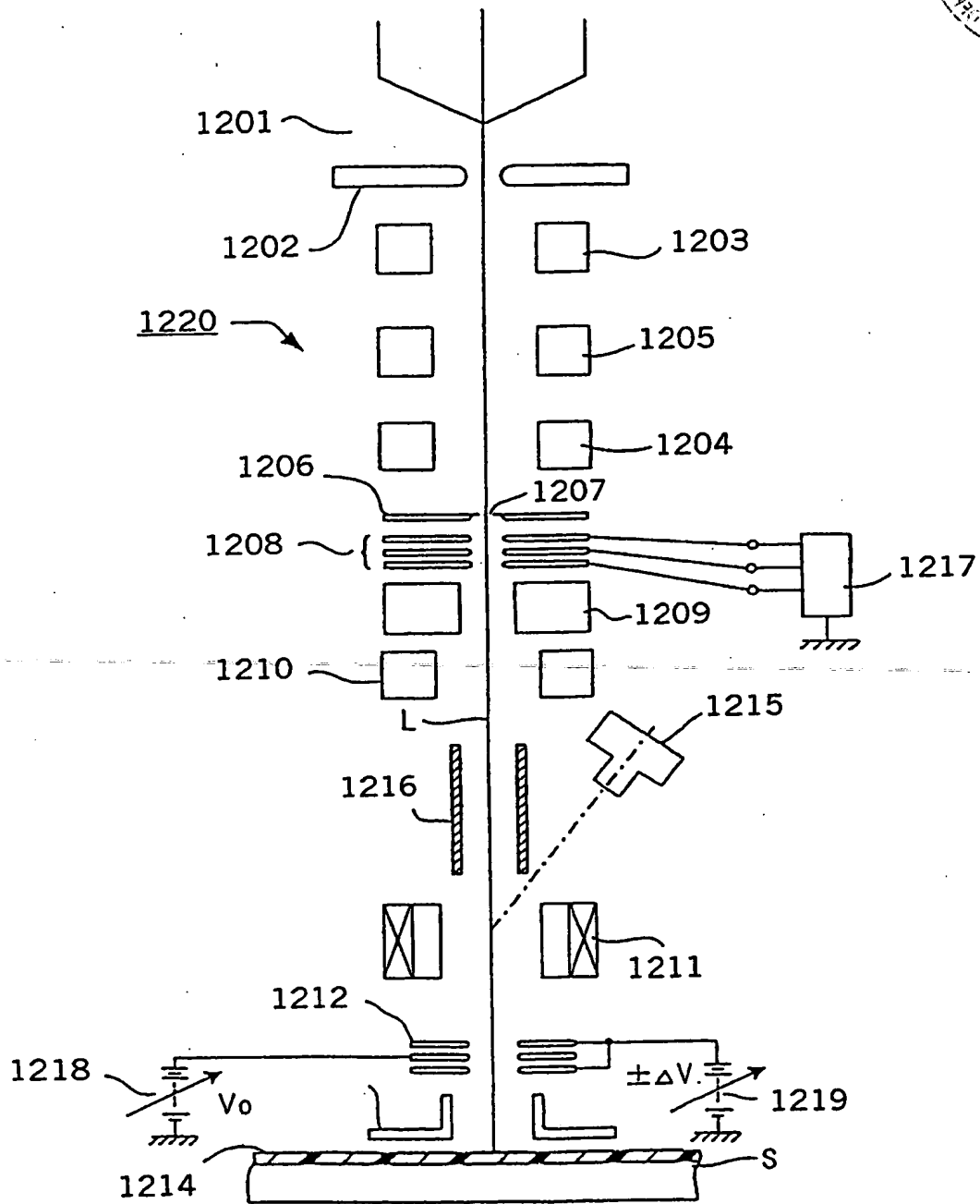


FIG. 24

SECRET 000000

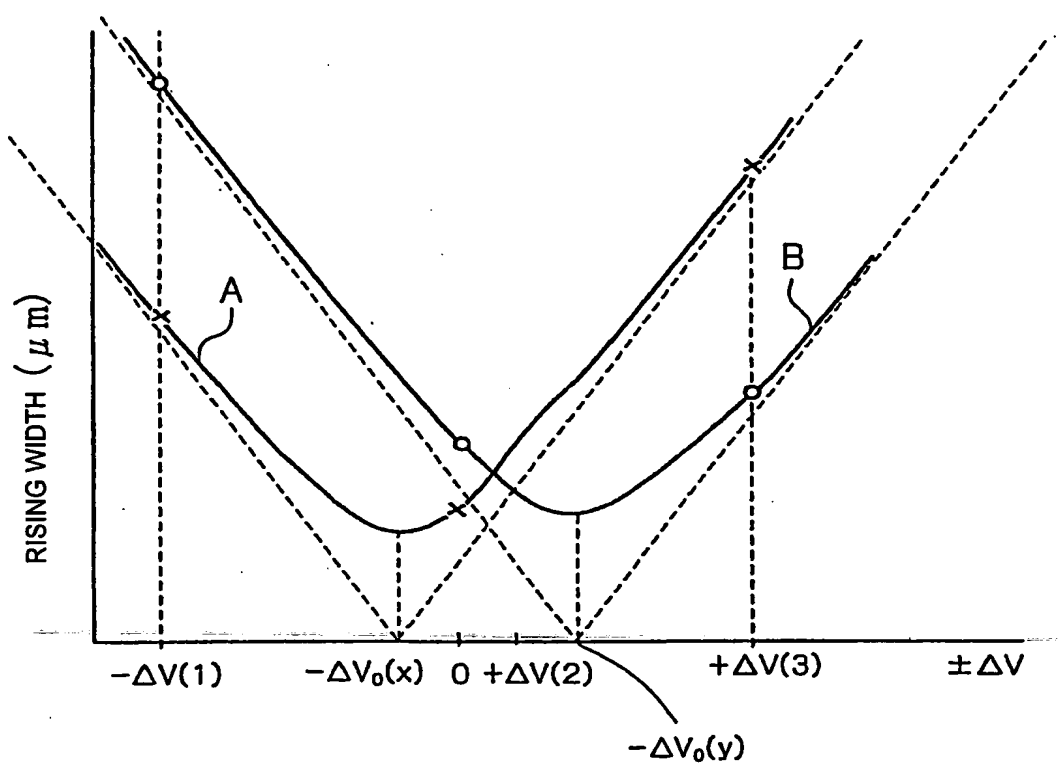


FIG. 25 (a)

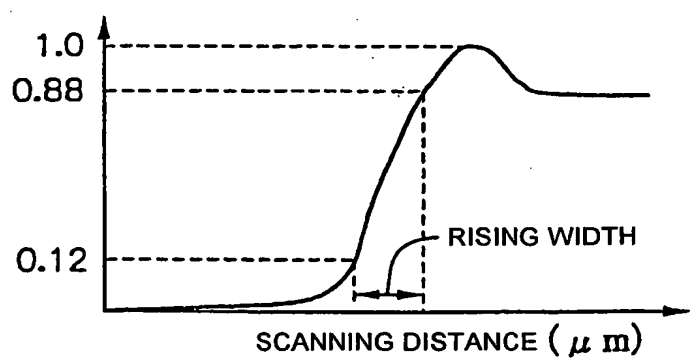


FIG. 25 (b)

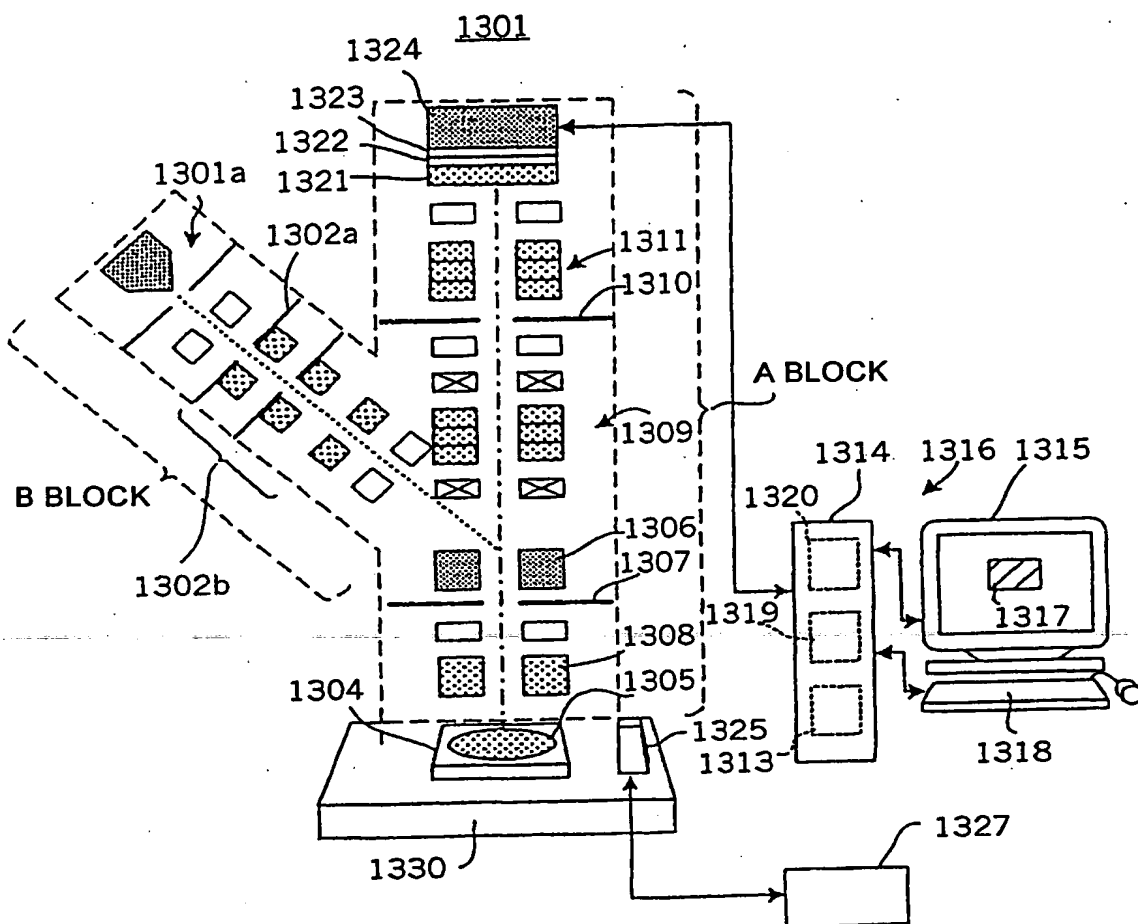


FIG. 26

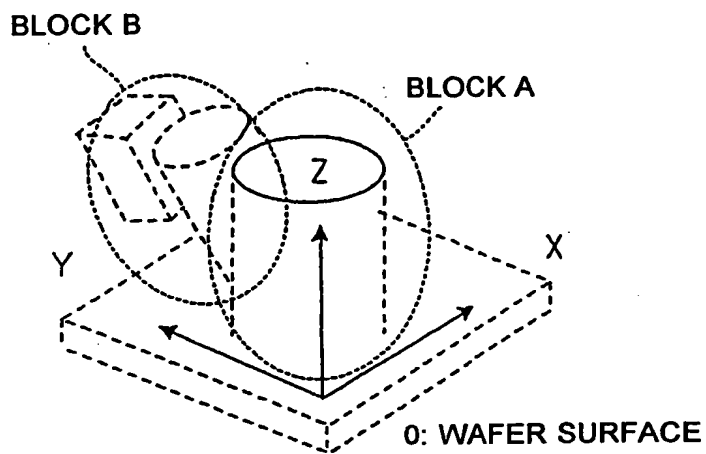


FIG. 27 (a)

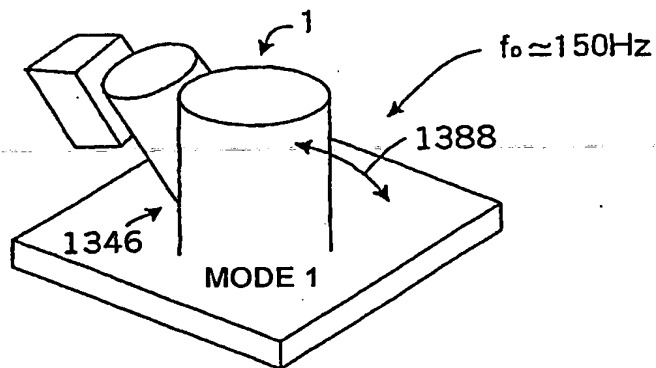


FIG. 27 (b)

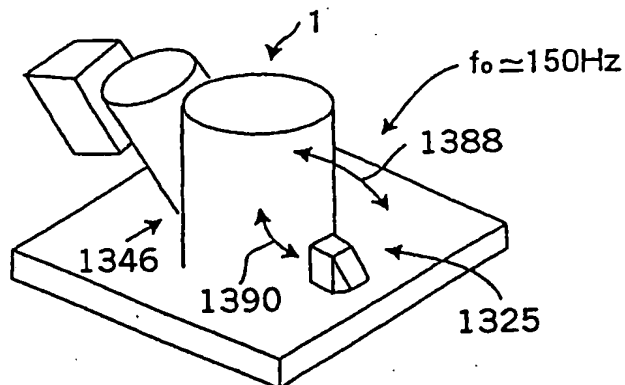


FIG. 27 (c)

FIG. 27 (a) 21916360

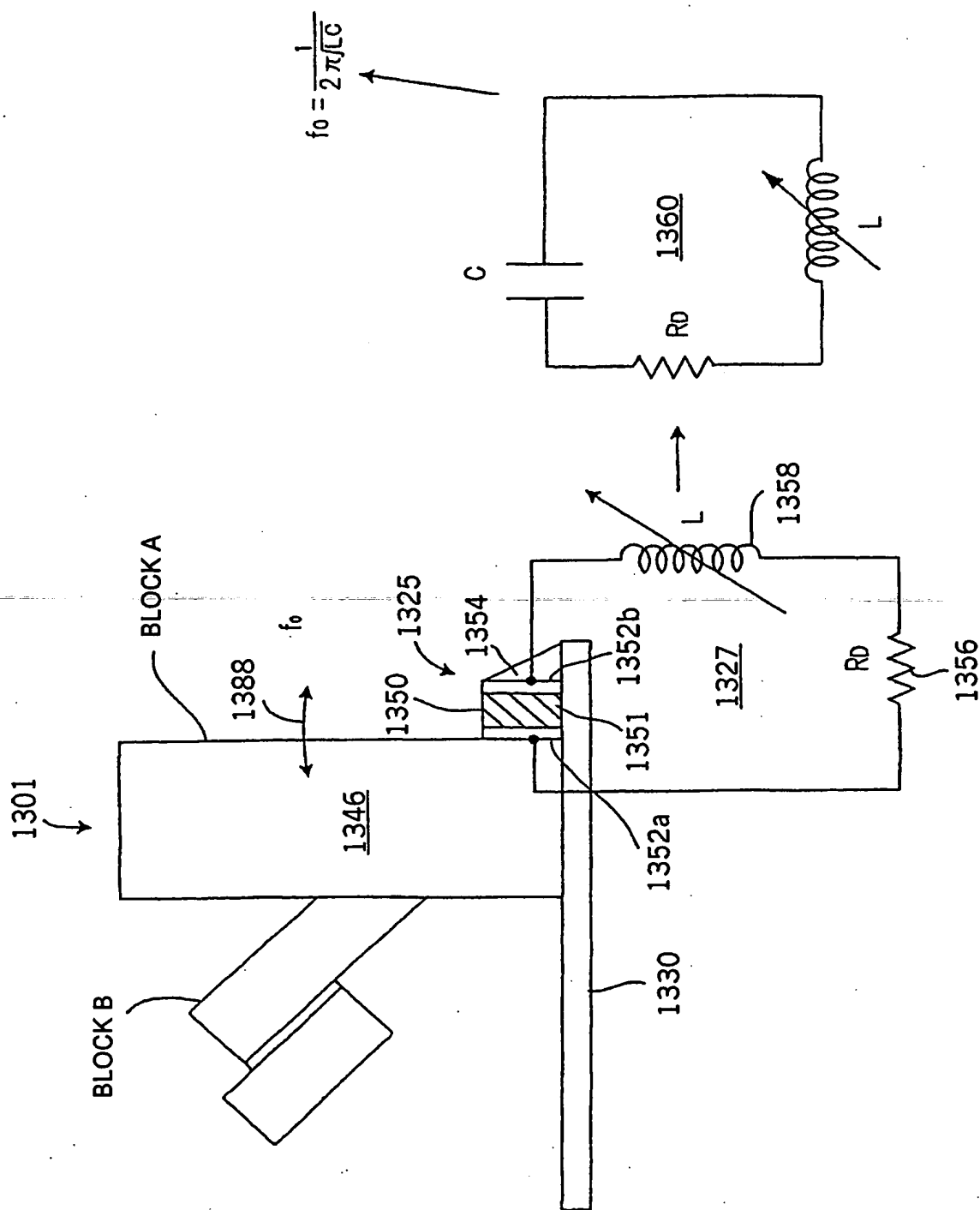


FIG. 28



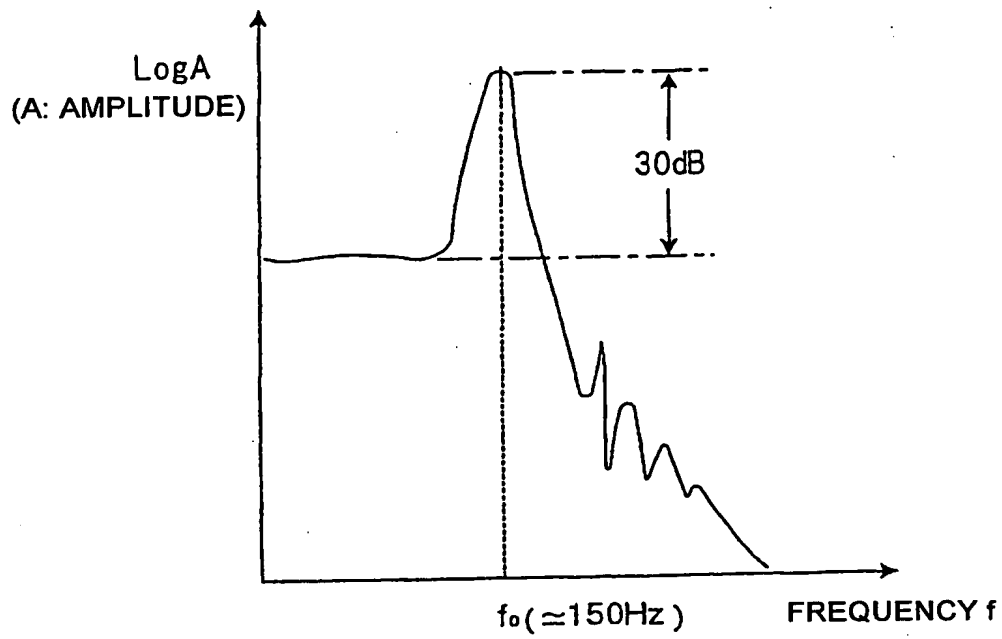


FIG. 29

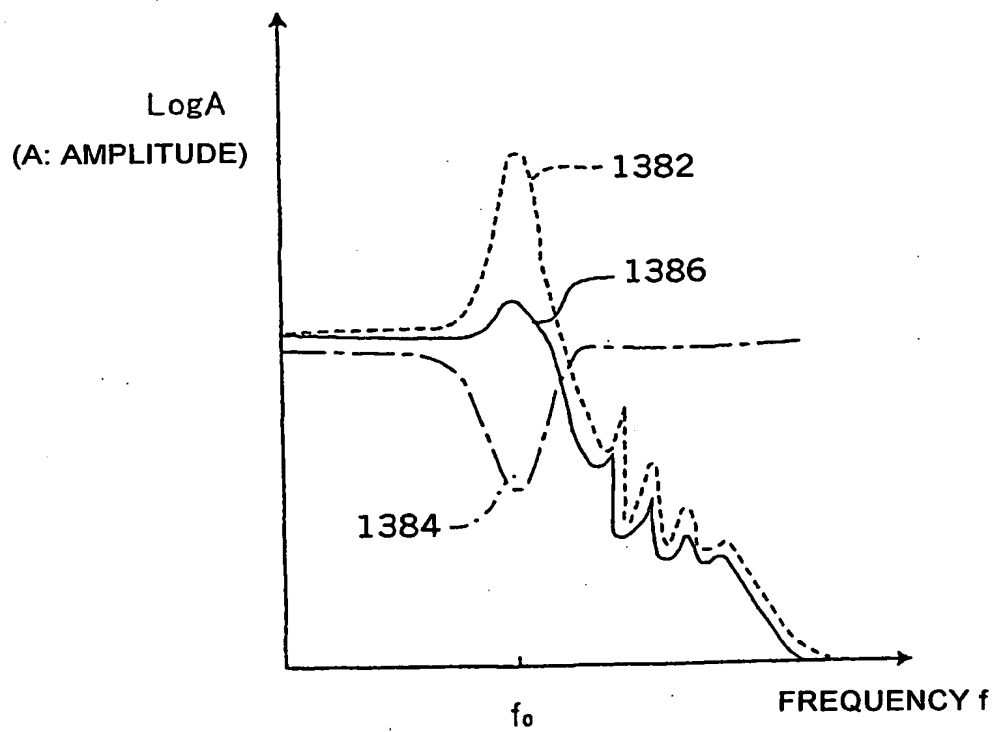


FIG. 30

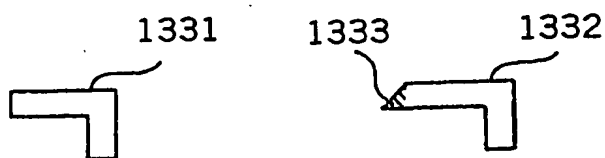


FIG. 31 (a)

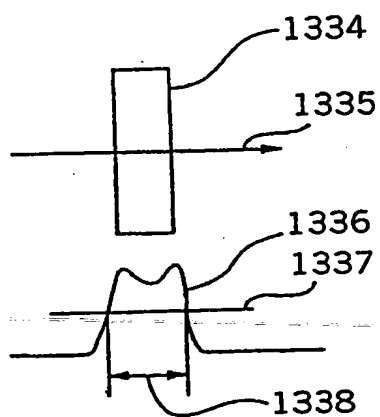


FIG. 31 (b)

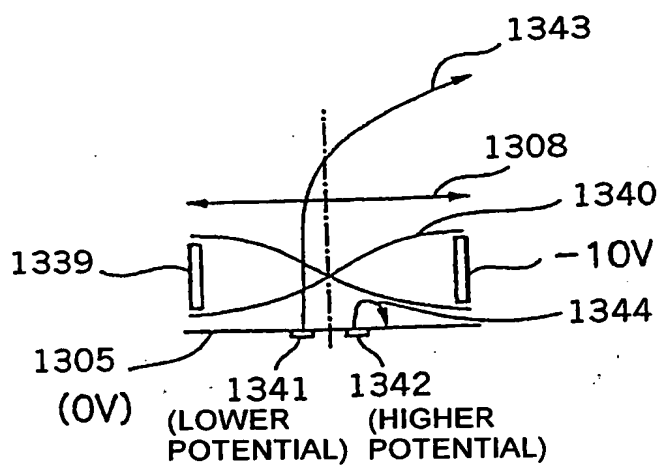


FIG. 31 (c)

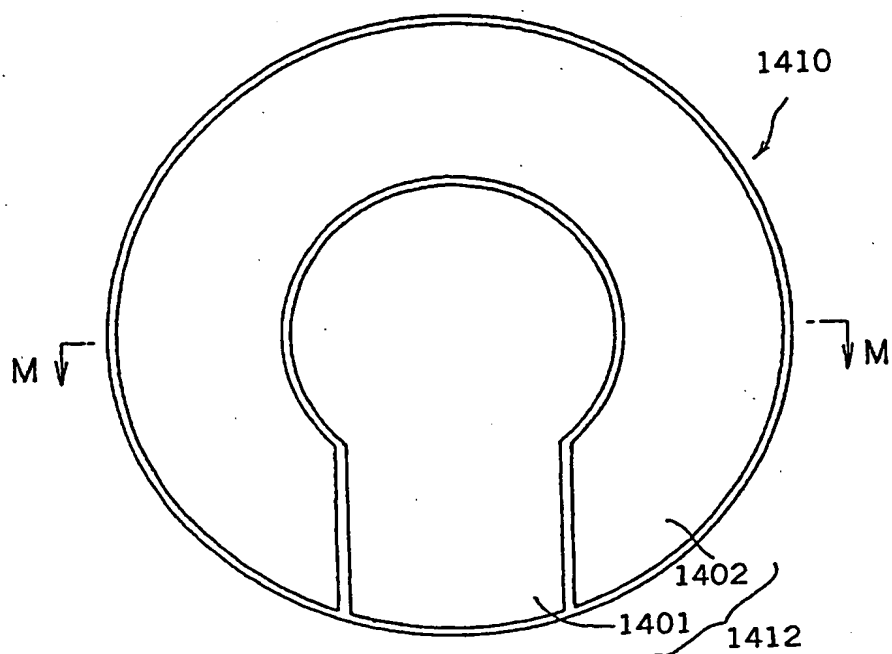


FIG. 32

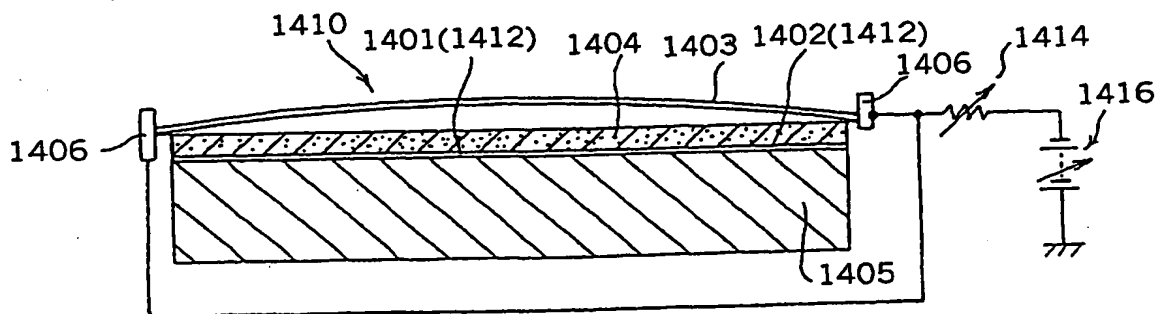


FIG. 33

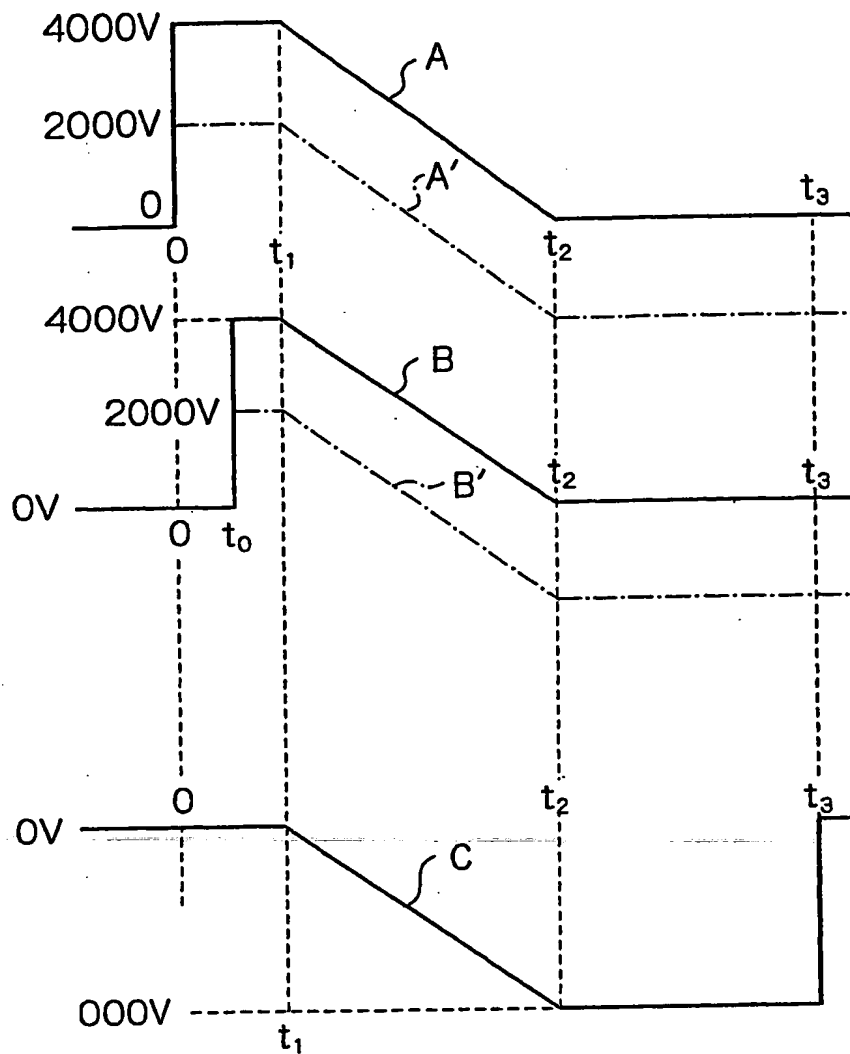


FIG. 34 (a)

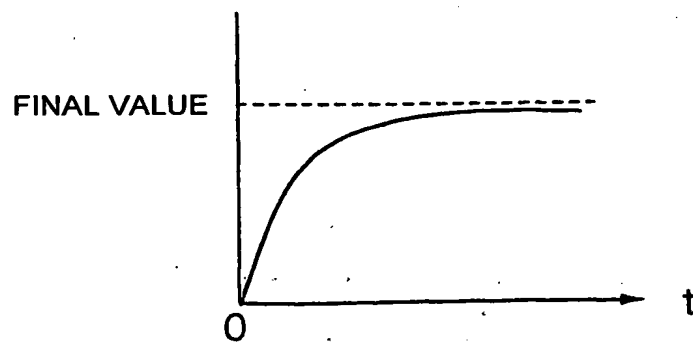


FIG. 34 (b)



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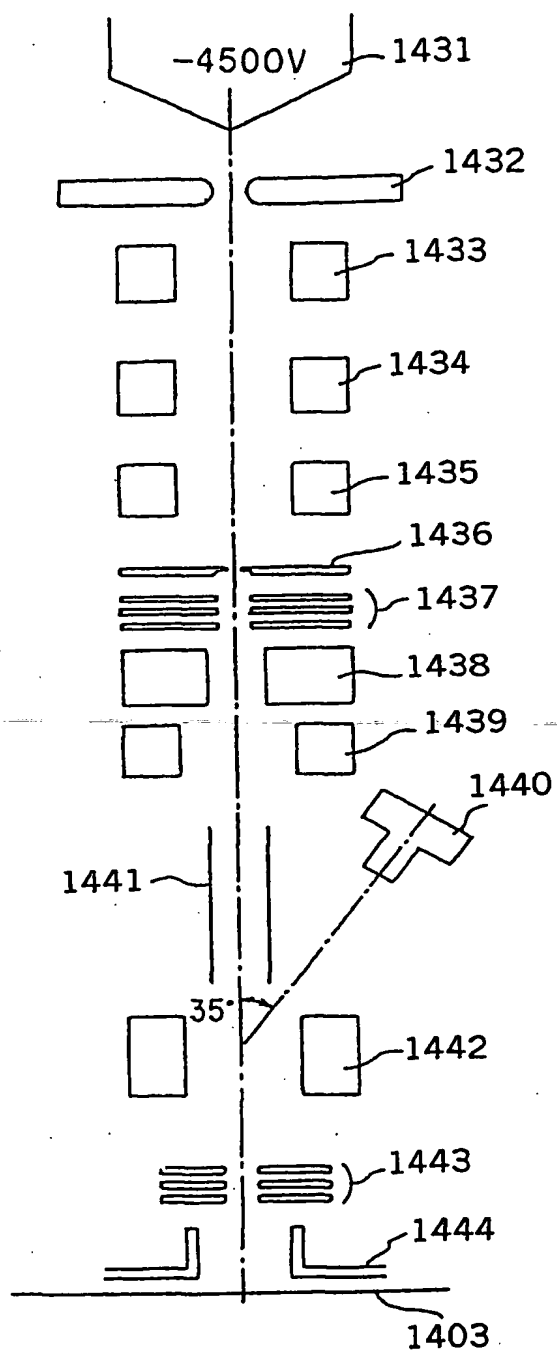


FIG. 35

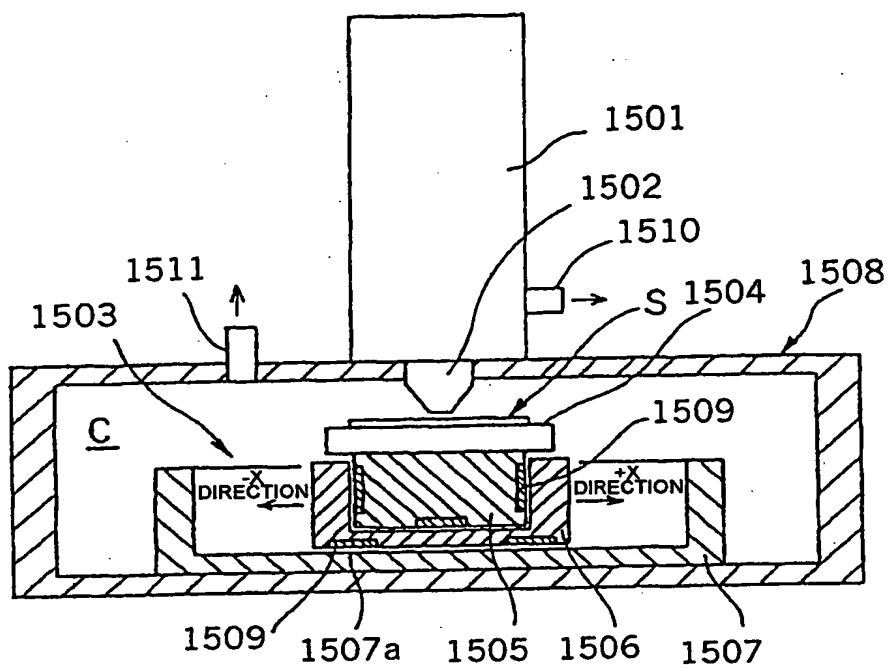


FIG. 36 [B]

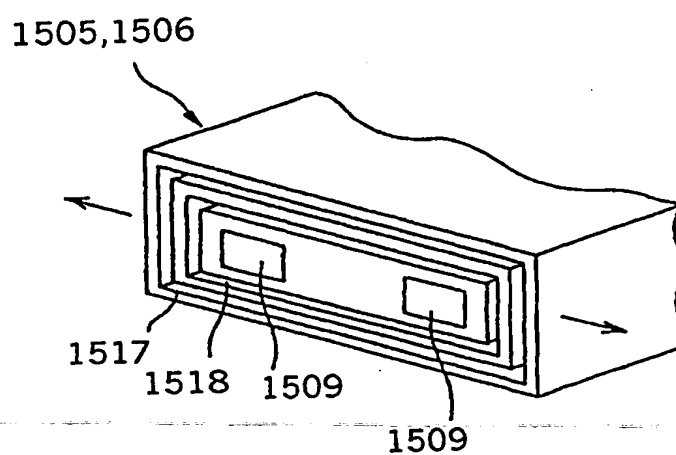
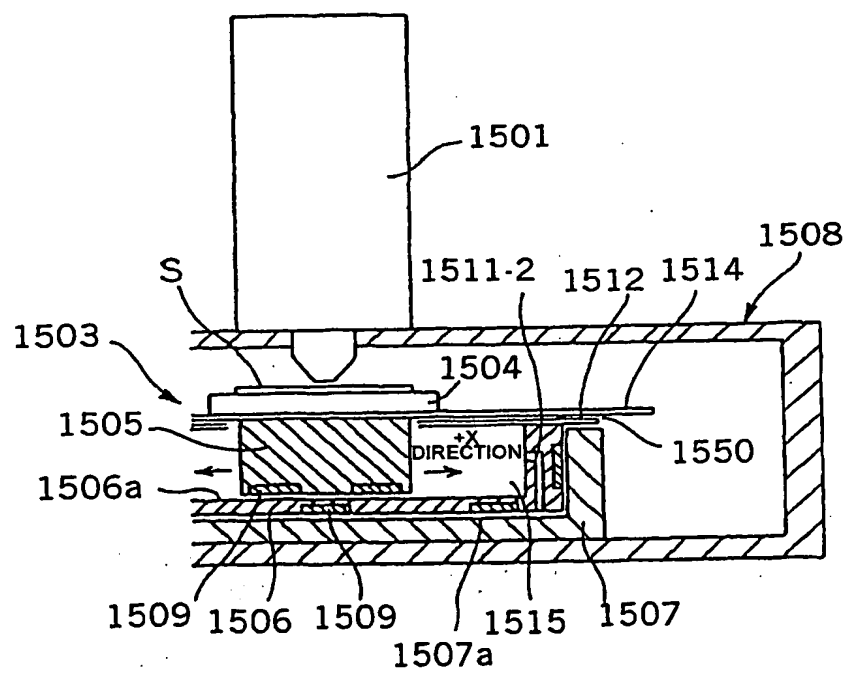
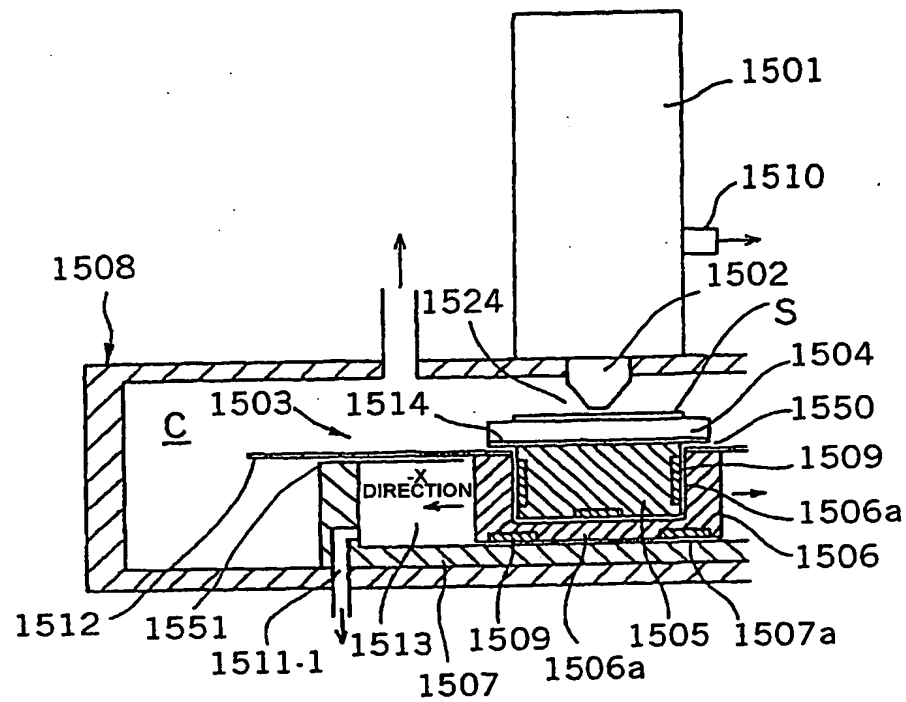
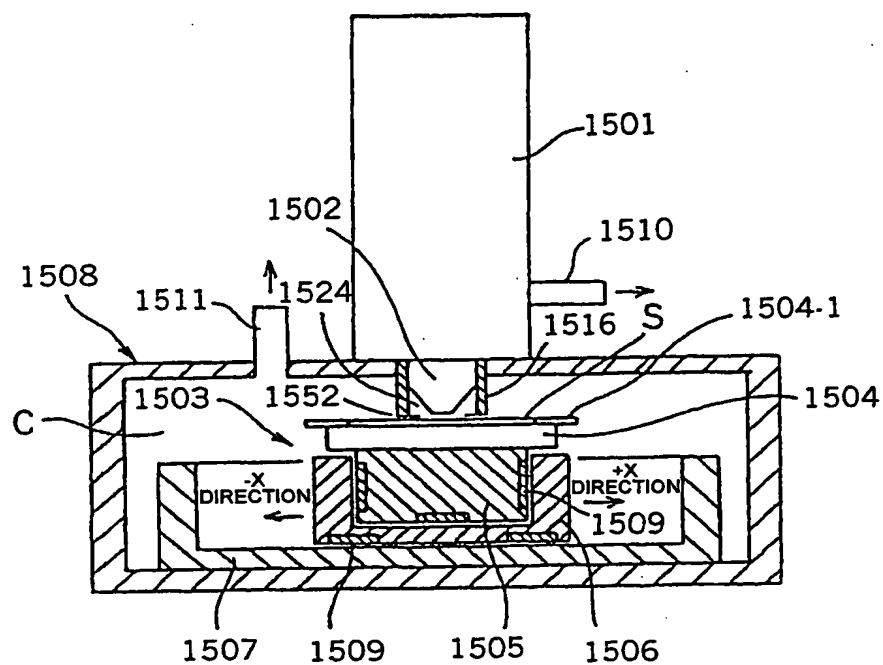


FIG. 37

[illegible]





A cross-sectional view of a semiconductor device 1500. A central vertical structure 1501 is surrounded by a layer 1502. Below this, a layer 1510 contains two horizontal structures 1523 and 1522. A layer 1508 is above these. A layer 1521 is below 1508. A layer 1520 is at the bottom. A layer 1503 is on the left. A layer 1524 is on the right. A layer 1509 is in the center. A layer 1506 is on the left. A layer 1506a is on the right. A layer 1507 is on the left. A layer 1507a is on the right. Arrows indicate the X DIRECTION (left) and +X DIRECTION (right).

FIG. 40

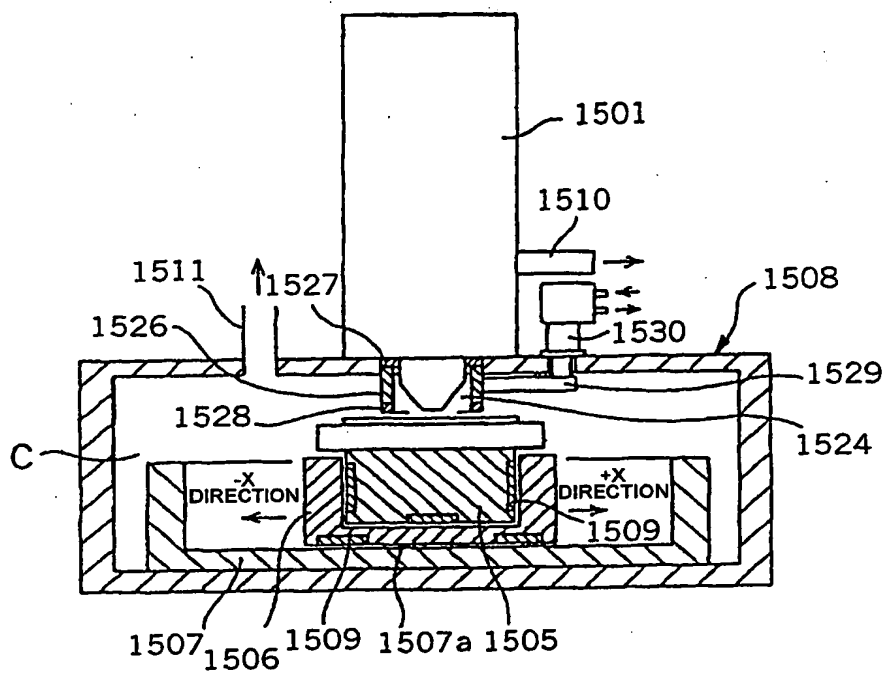


FIG. 41

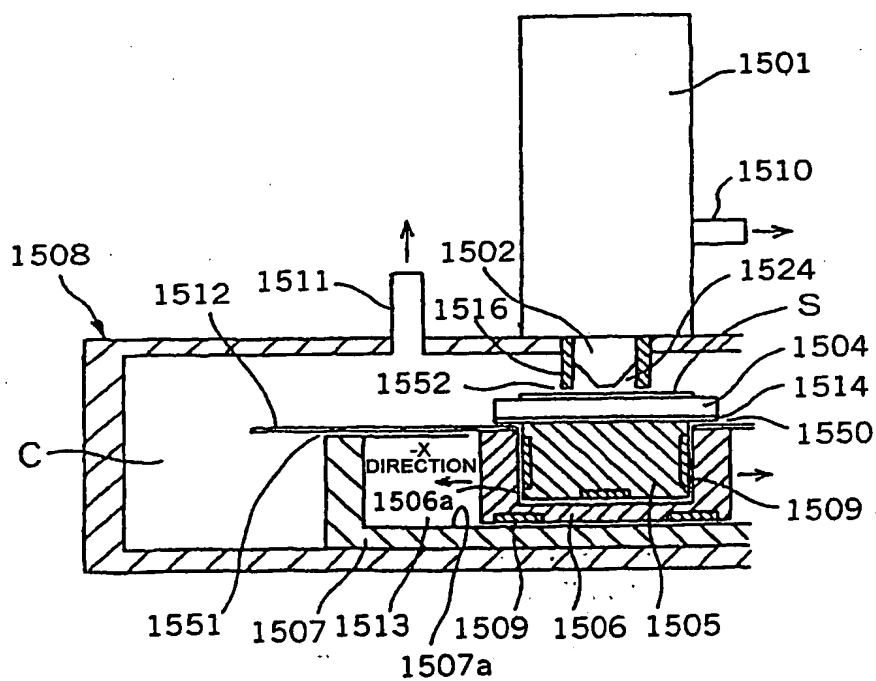


FIG. 42

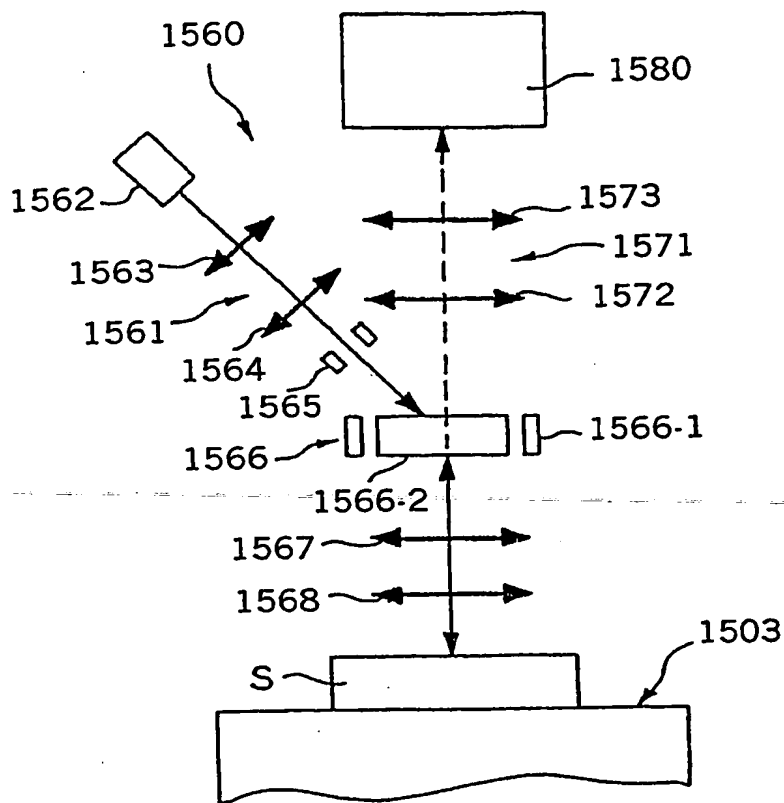


FIG. 43

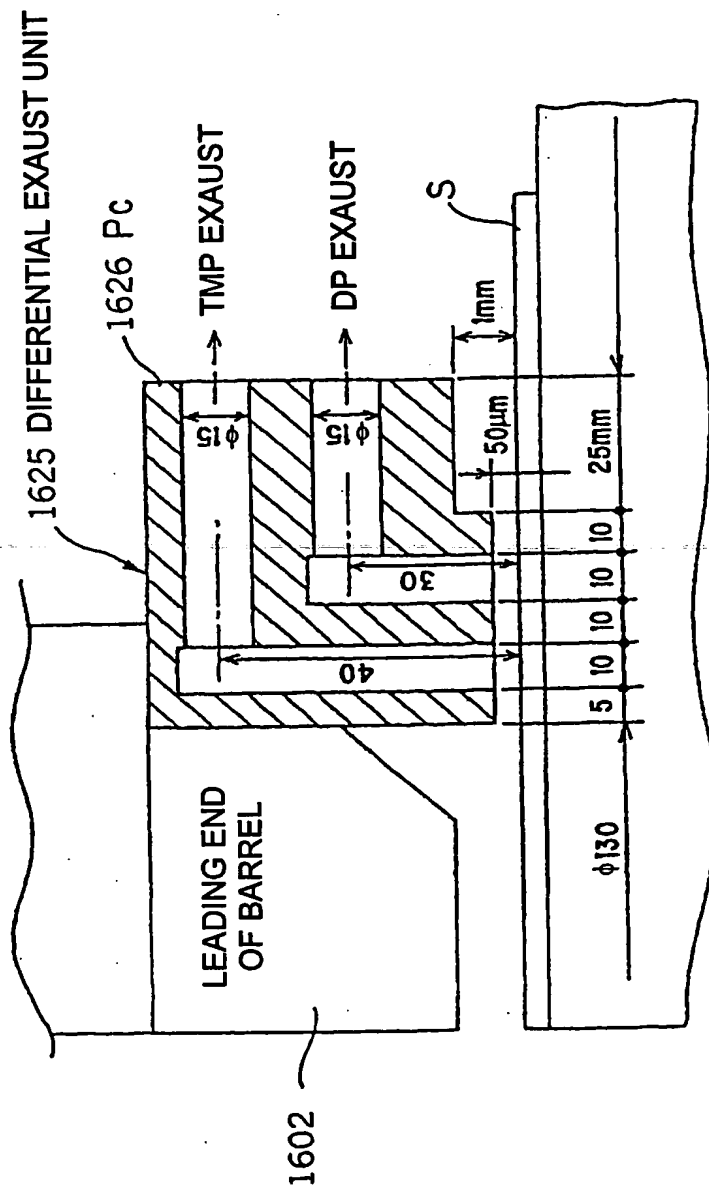


FIG. 45



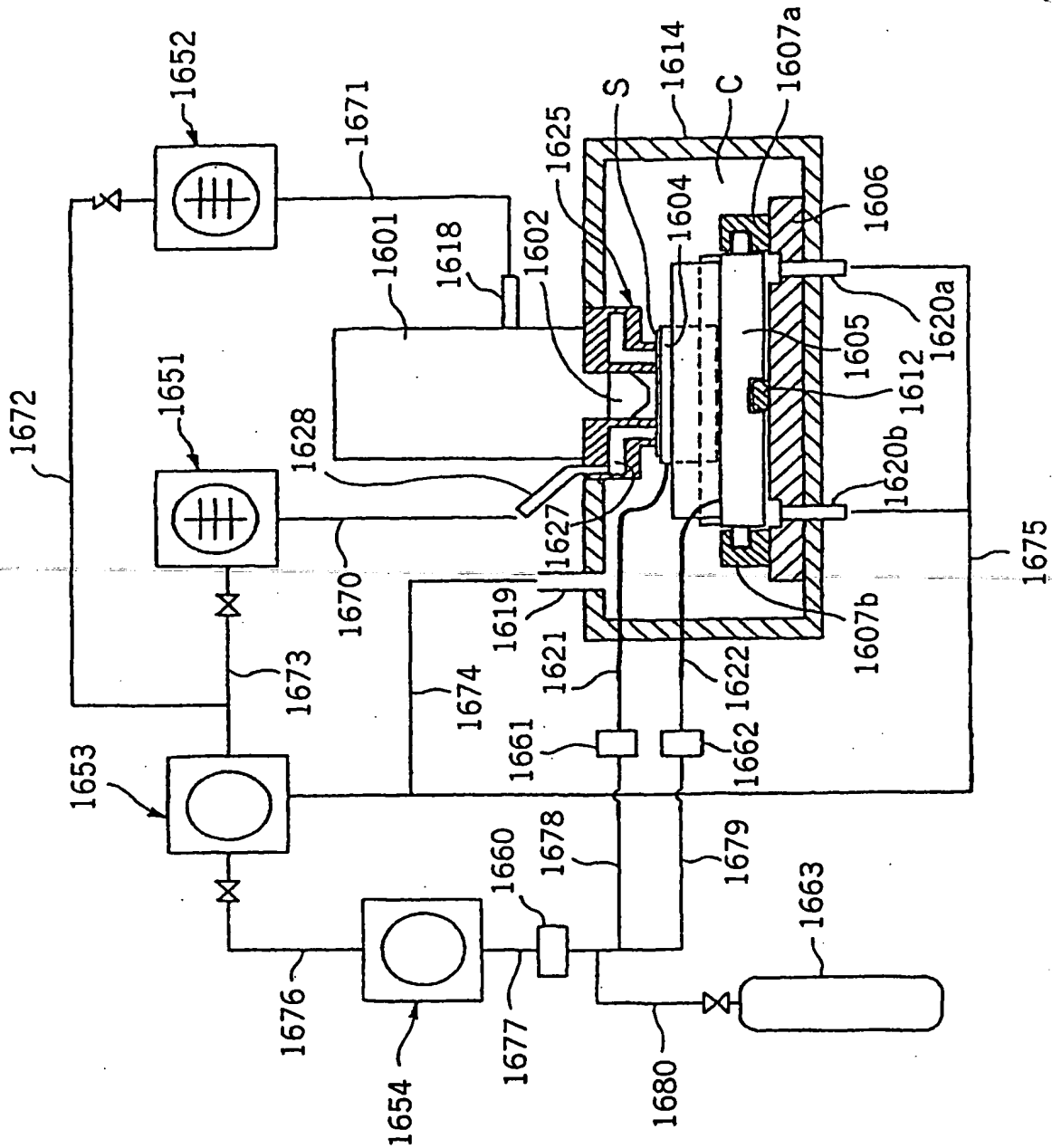


FIG. 46



FIG. 47

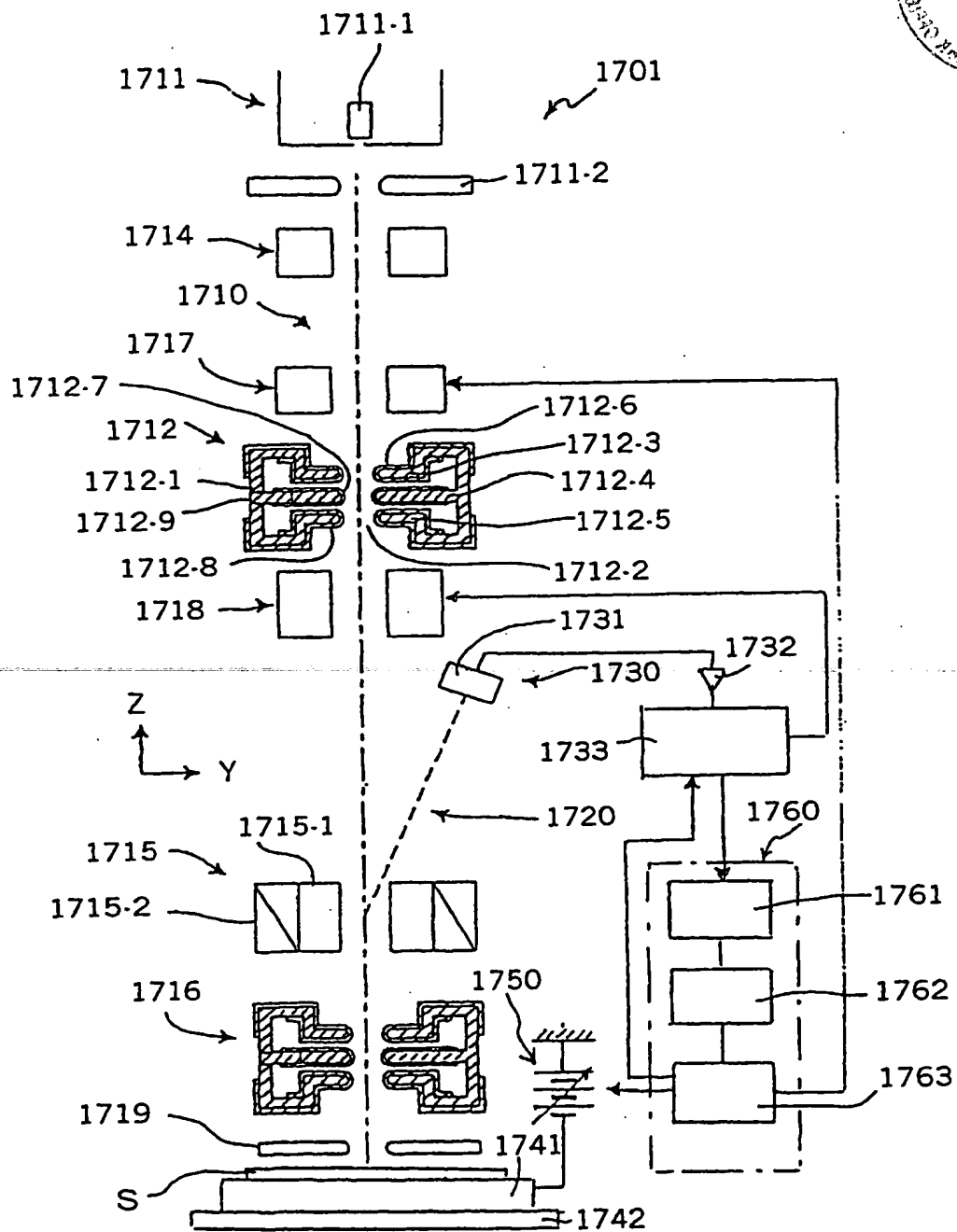


FIG. 47

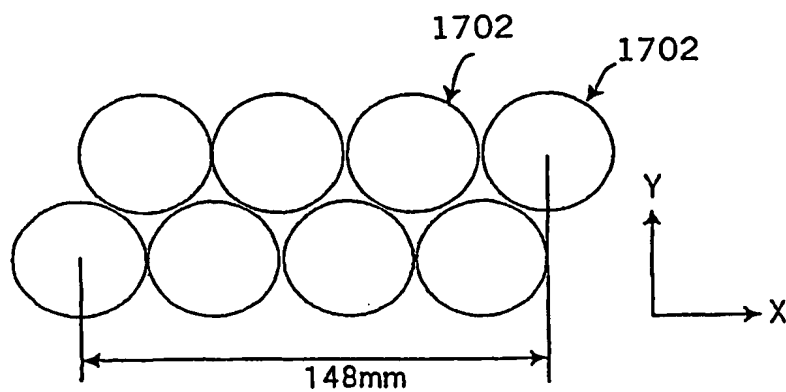
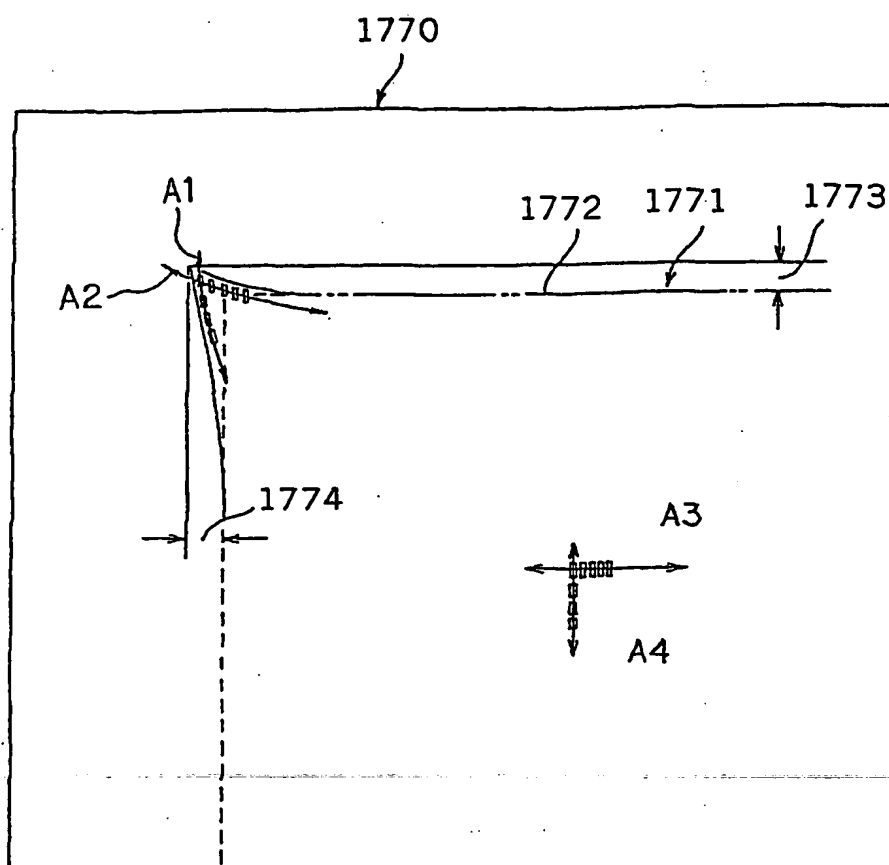


FIG. 48



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

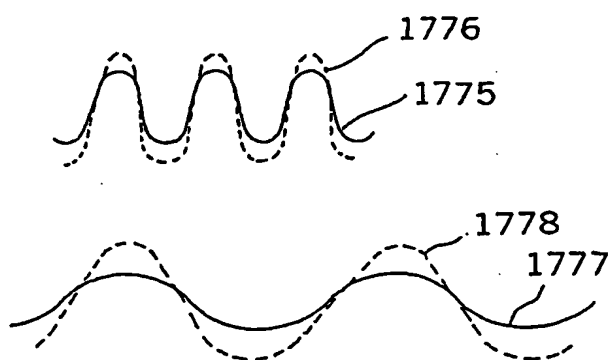


FIG. 49 [B]

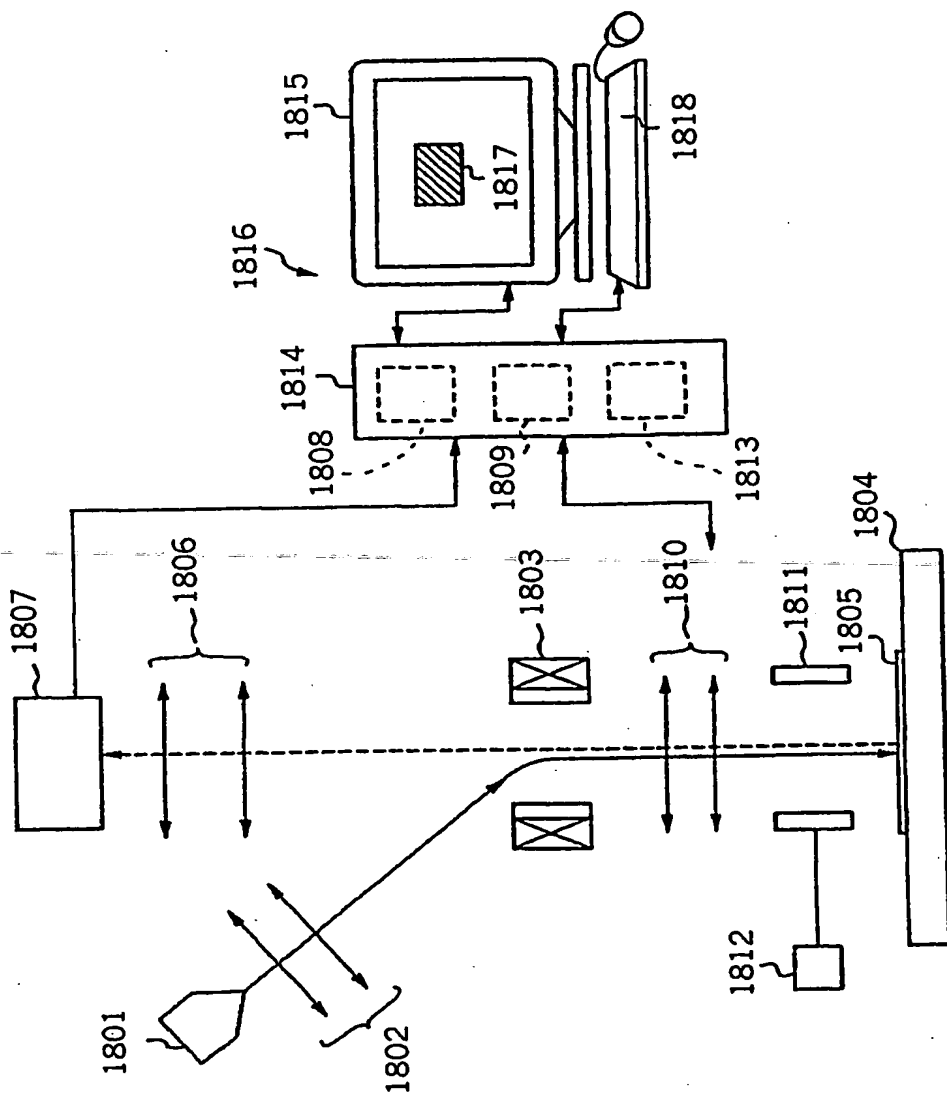


FIG. 50



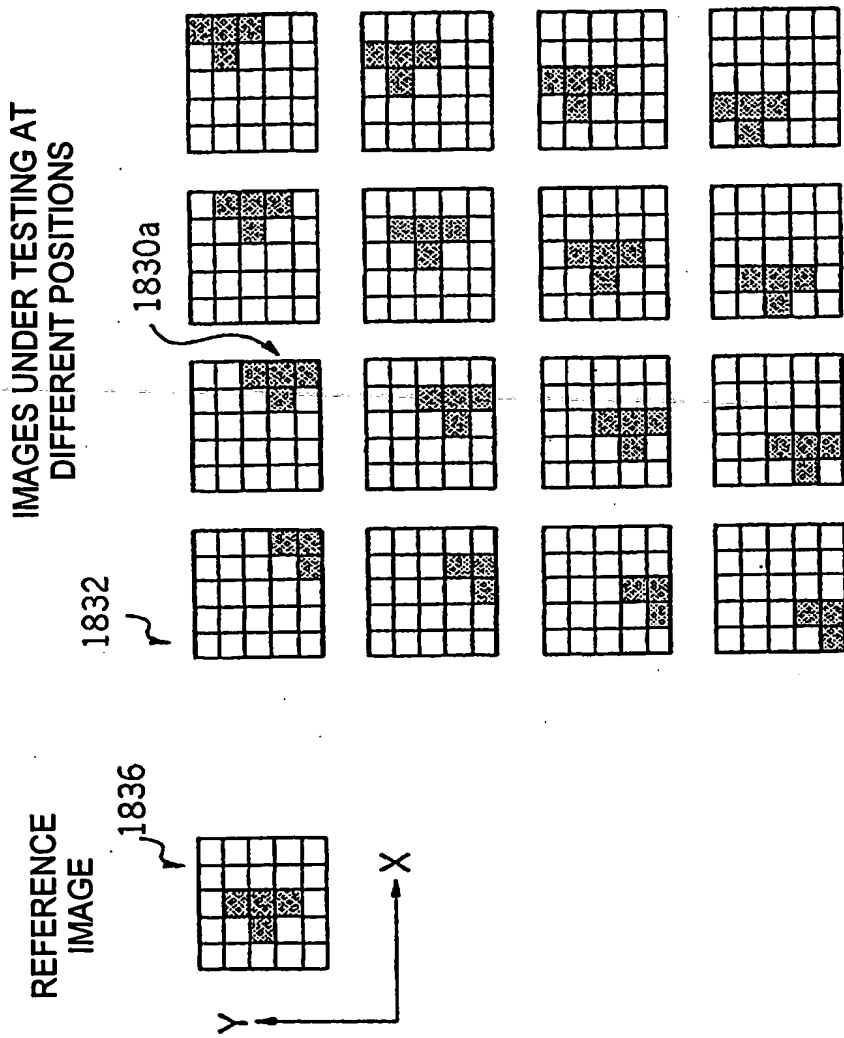


FIG. 51



09694613 102204
T02204 2191650

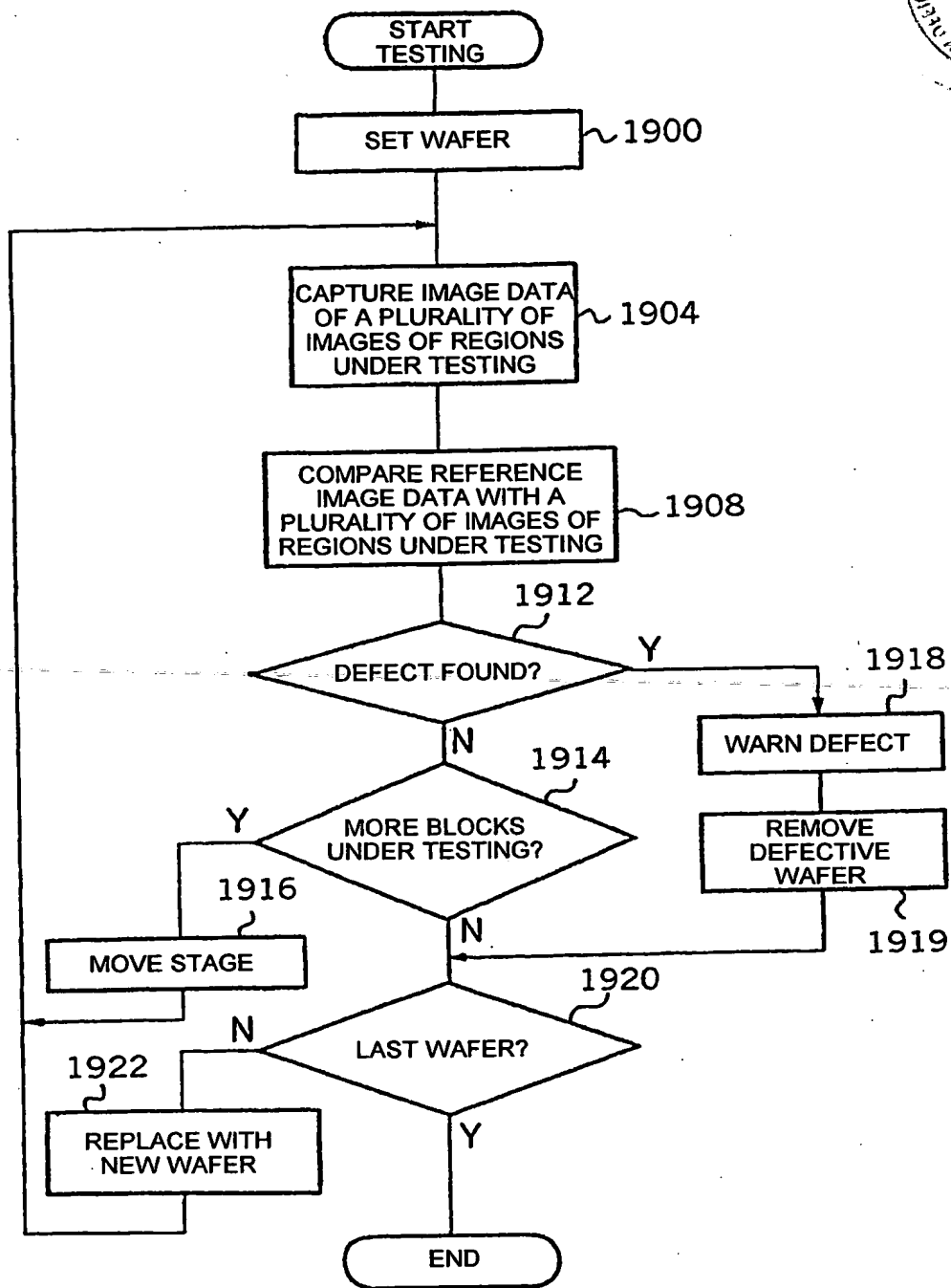


FIG. 52

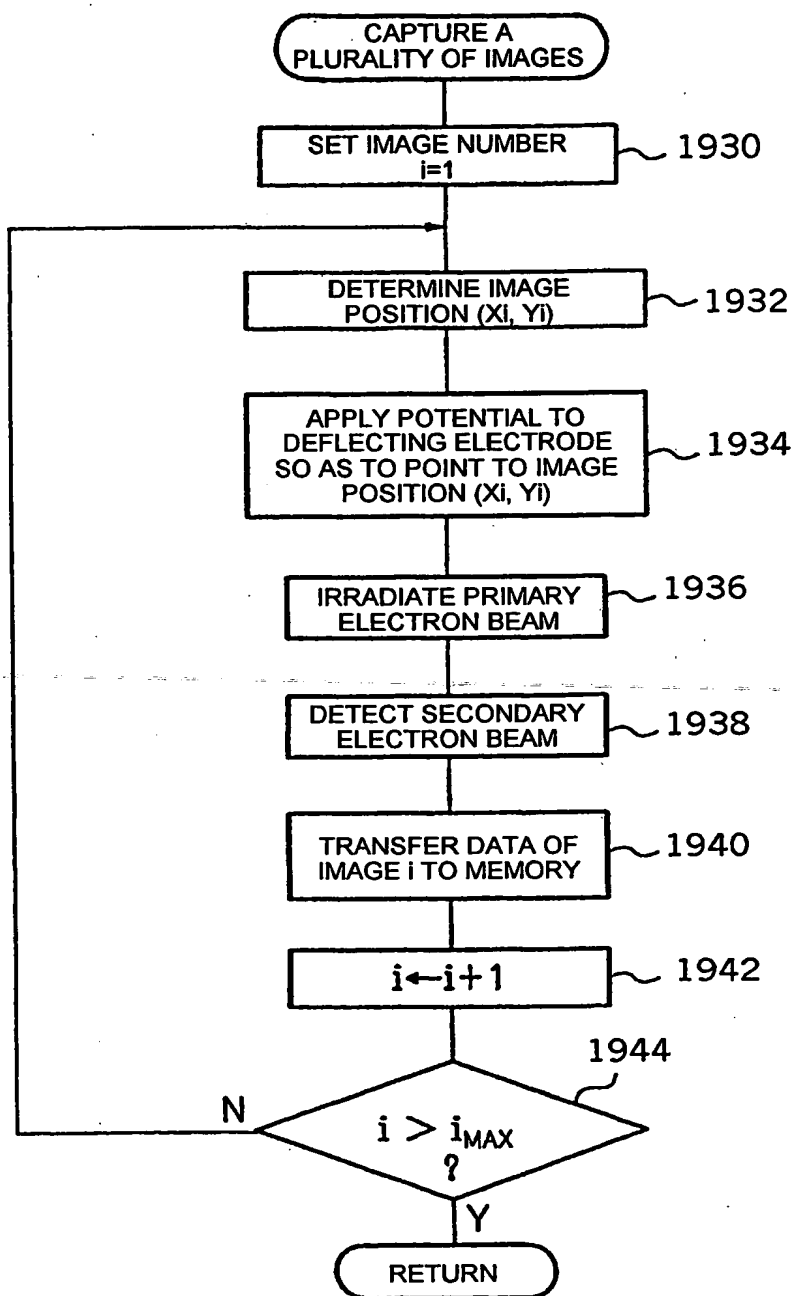


FIG. 53

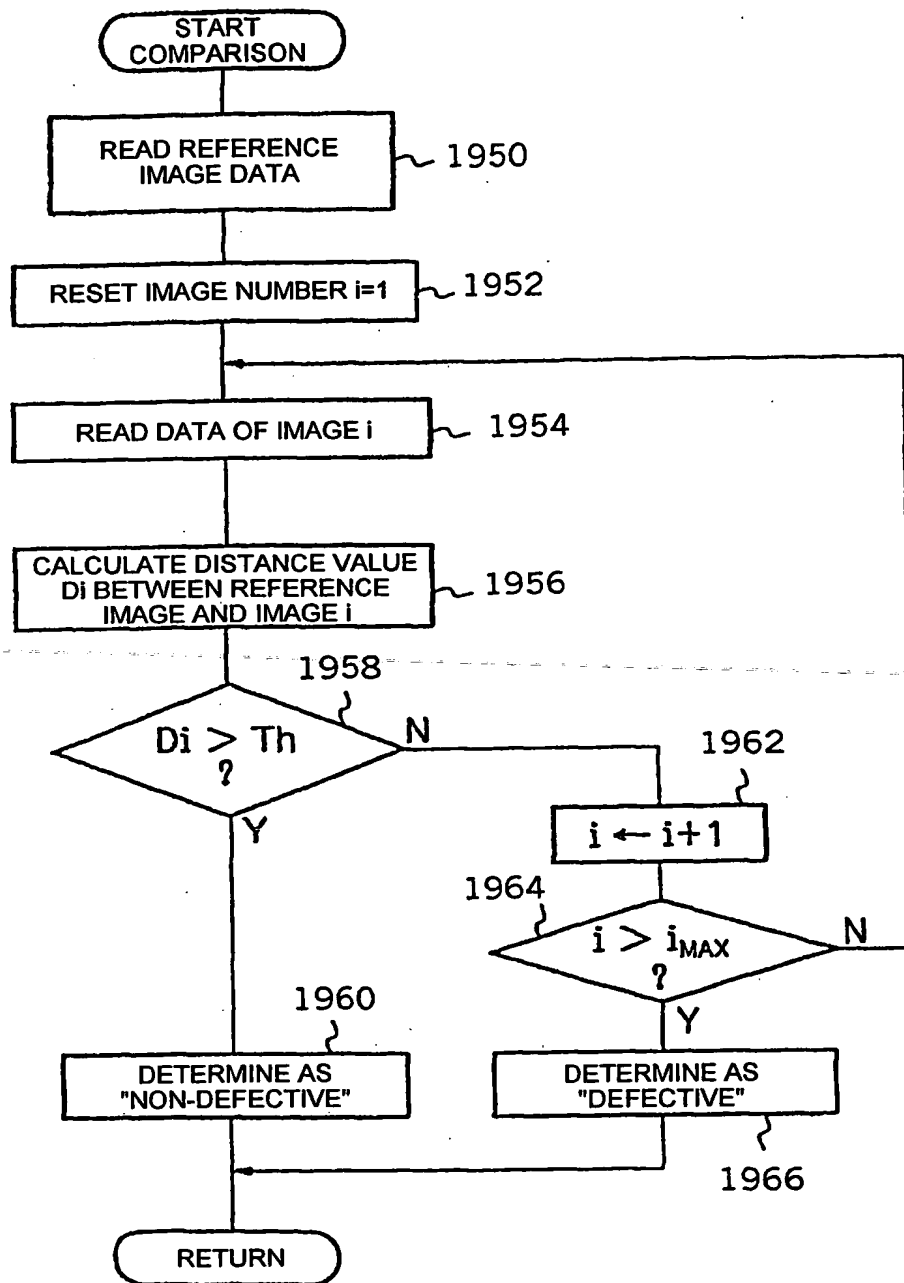


FIG. 54

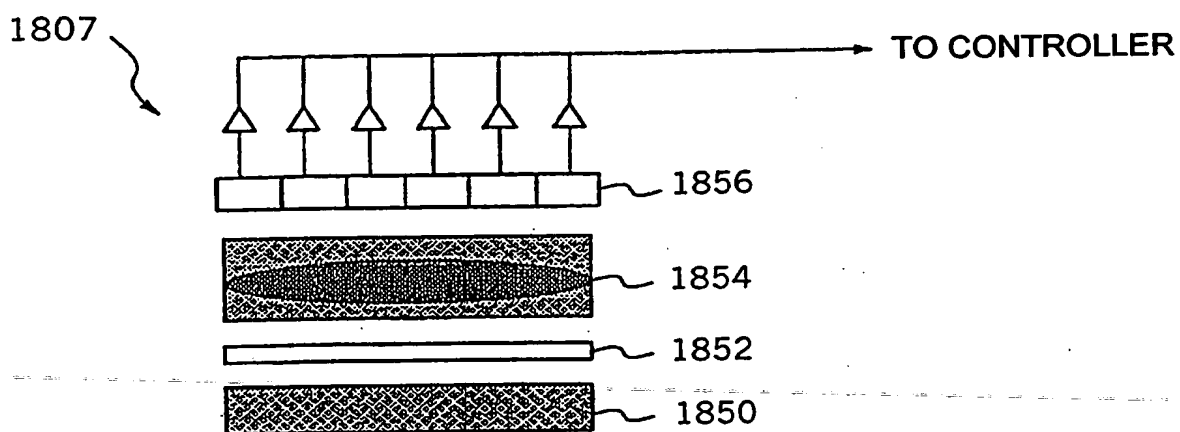


FIG. 55

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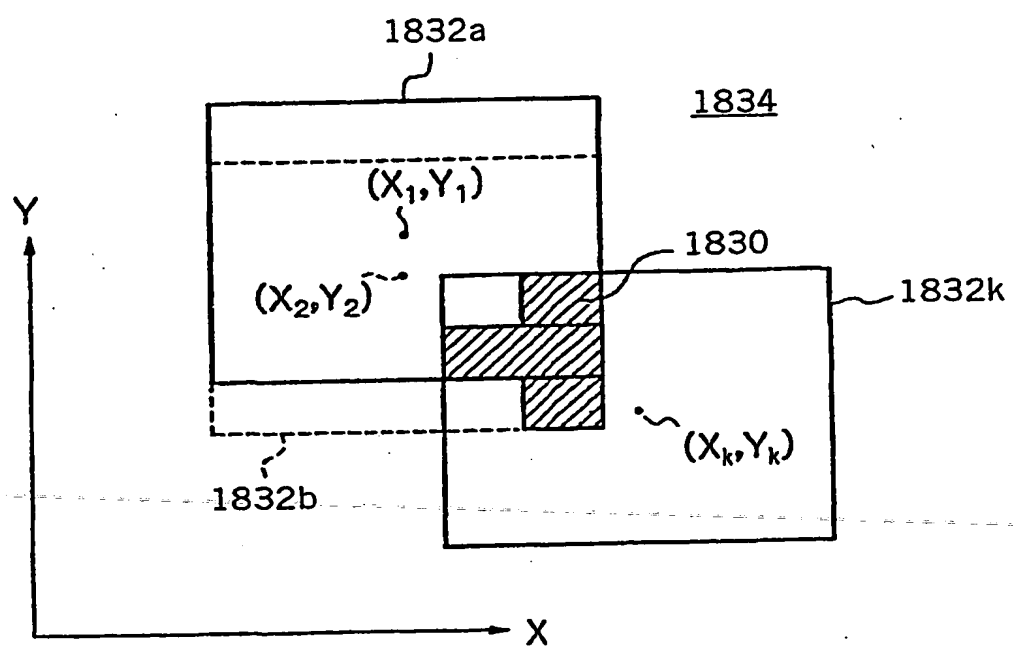


FIG. 56